CATALOGUE 2003

UNIOR®

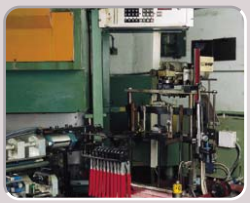
TOOL INDEX

ALPHABETICAL INDEX

NUMERICAL INDEX

PRESENTATION OF THE COMPANY

WHICH DRIVE FOR WHICH MACHINE...



G U A R A N T E E

UNIOR guarantees for all its tools against the defects in material or in production and they will be repaired free of charge when they are used correctly or they will be replaced with presentation of suitable documentation.

The guarantee is not valid for the tools which were modified without consent of UNIOR or if they are worn out or otherwise damages.

It is not possible to put into effect the guarantee for the damages which would result from the use of these tools.

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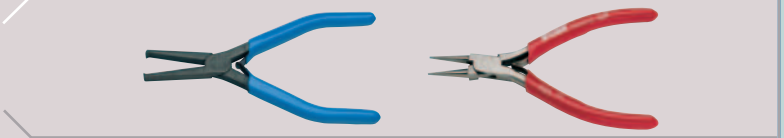

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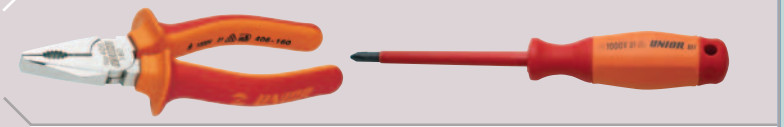

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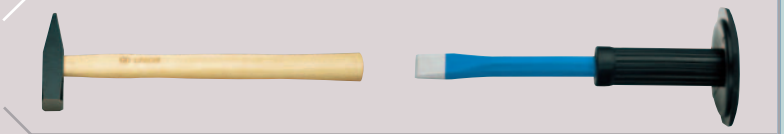

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Dear Sirs,

UNIOR, Joint-Stock Company is one of the largest and most important Slovenian exporters. With its four production segments: forged parts, hand tools, machine tools and activities tourism, the Company has been committed to high quality, high utilization of its own capacities, to productivity extension as well as to elevated profitability.

One third of our sales is obtained by the oldest activity – tool manufacture. Long useful life of UNIOR tools is provided by the great tradition of tools forgery and application of new technological findings and top quality materials, such as chrome vanadium steel. Design, development and manufacture of UNIOR hand tools are being permanently adjusted to new customer requirements. Original manufacture solutions provide exceptional applicability, efficiency and aesthetic appearance of tools.

The production of hand tools, comprising more than 3000 different products, facilitates different works and operations. Our hand tools result from efficient quality system management in compliance with the international ISO 9001/2000 Certificate. High voltage tools are tested in compliance with DIN EN 60900 Standard in order to obtain VDE Certificate. UNIOR hand tools production group is also the holder of SQ-Slovenian Quality Standard, as a proof of satisfying the professional hand tool user requirements.

We are marketing our hand tools under our own trade mark on all continents. Extensive distribution network reaches customers all over the world.

Hand tools are distinguished for their functional efficiency, high quality materials and long life. Therefore, these tools are well known and popular among professionals as well as DIY users.

Our trustworthy performance has been forged from the rich tradition of Slovenian forging, which is an inspiring source for our own experience and new expertise. With precision we fit perfectly into master's hand. The brand name gives an assurance of our basic aim: complete user's satisfaction.

Gorazd KOROŠEC
President of the Board

THE DEVELOPMENT OF FORGING IN ZREČE AND ITS SURROUNDINGS

The development of forging in Zreče was made possible because of favourable natural resources. Many years ago the inhabitants exploited the river Dravinja and its tributaries by putting up saw mills, mills and forges. The water wheel provided them with inexhaustible power. Excavations in the surrounding area prove that the iron tools were produced in the region as early as Roman times.

In the middle of the previous century there were as many as 80 mills and saw mills on the Dravinja.

In the middle of 19th century, four iron works existed in the region. Except one of them they developed into forges and manufactured primarly agricultural and trade tools.

In Boharina in the Zreče region there is the well preserved Ošlak's forge which is the oldest in the region and where they still maintain the old water hammer.

The development of forging in Zreče was supplemented by charcoal burning on Pohorje mountains.

The development of the Zreče forging industry after the first world was based on forging tradition, the skilled work force and water power.

In 1919 two engineers Milko Bremec and Walter Mach, the owners of the Muta ironworks bought a mill from Martin Kračun and turned it into a forged tool factory. They established the Štajerska ironwork company in Zreče and started producing forged tools for agriculture, mining and trade, employing industrial techniques.

In the year 1922, the forge was transformed into a machanical one. In 1923, it employed 50 workers and developed so quickly that their number had increased to 250 by 1941. The factory's equipment was modern. After the war the forge was renovated and renamed the Zreče Factory of Forged Tools. In the late sixties and early seventies intensive investment in the production of hand tools was started.

In 1974 the factory's name was changed into UNIOR. It acquired its own brand and introduced its product in the world market.

At present UNIOR is the one of top producers of high quality forged pieces and hand tools in Europe and the rest of the world.

UNIOR®

Kovaška industrija d.d.
Slovenia

PRODUCTION COMPANIES

ORBIS Werk Groten
GmbH+Co.KG
Ahaus; **Germany**

RHYDCON
Slovenia

TRADE COMPANIES

UNIOR DEUTSCHLAND
GmbH
Germany

UNIOR Ferlach Produktions und
Handels Ges.m.b.H.
Austria

UNIOR Italia S.P.A.
Italy

Unior España S.L.
SPAIN

UNIOR Tools S.A.R.L.
France

UNIOR Hellas S.A.
Greece

UNIOR International Ltd.
Great Britain

UNIOR Singapore PTE Ltd.
Singapore

UNIOR Komerc d.o.o.
Macedonia

F O R G E D P A R T S P R O G R A M M E

The Forged Parts Programme is our oldest and the foundation on which UNIOR has developed. We produce forged and sintered parts for the automobile industry and provide major European car producers with vital forged parts as their exclusive supplier.

H A N D T O O L S P R O G R A M M E

The Hand Tools Programme is UNIOR's most promising one. The production of hand tools began in 1919 and in the year 1953 the first attempts at drop forging were made. Besides wrenches and pliers other tools were gradually included in the hand tools programme.
Today our cataloque consists of 3000 items. Our forged tools are manufactured from chrome vanadium steel which gives them durability and usability.

U N I O R S P E C I A L M A C H I N E S P R O G R A M M E

UNIOR Special Machines Programme is the latest of the four UNIOR's programmes. It includes the production of machines for treating metals, machines with rotating stands, machines for the treatment of ends, machines for deep drilling and special machines.
Numerically controlled machines offer up-to-date technological solution for metal treatment.

T O U R I S T P R O G R A M M E

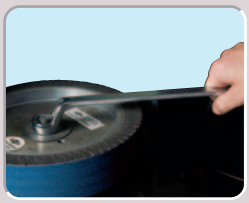
The beauty of the landscape, the richness of the Pohorje forests and the unspolled environment are only some of the reasons why UNIOR has started investing in tourist development in the Zreče region. Recreational tourist centre Rogla at an altitude of 1517 m is becoming one of Slovenia’s biggest ski centres developing together with the Zreče spa.

H A N D T O O L S P R O G R A M E

PROGRAMME MANAGEMENT

- SALES
- MARKETING
- DEVELOPMENT AND TECHNOLOGY SERVICE
- METHODS
- ZREČE PLANT
- VITANJE PLANT
- LENART PLANT
- STARI TRG PLANT
- QUALITY CONTROL ASSURANCE ACCORDING TO ISO 9001-2000

Nature creates perfect forms which man tries to copy.
The basic form of the tools originates naturally and is adapted to men's requirements.



Despite their simple appearance our tools combine a broad range of properties which makes them practical and adaptable. As long as a suitable tool is choosen UNIOR tools are efficient and safe.

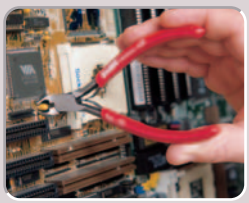
Our professional tools are produced from high quality steel. By applying highly technical treatment process we achive properties normally associated with higher priced materials.

The whole production of the tools programme is operated according to ISO 9001-2000 standards, thereby satisfying the most demanding buyer. Modern materials and ergonomic design provide pleasing looks and safe use.

UNIOR hand tools are produced in our main factory and headquarters in Zreče and in three other plants.

We market our products in Slovenia and abroad under our brand name through our distributor network. We can satisfy the requirements of our customers and keep our competitive position by our flexibility.

This Catalogue is the result of our efforts to present our hand tools even better than we have in the past. It is divided into 14 sections making access to information on specific items even easier.



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e-mail: prodajaor@unior.si
internet: http://www.unior.com

We were awarded the GS certificate for our tools in 1988. The certificate is issued and controlled by VPA Institute in Remschied, Germany.

As this institute, hand tools are controlled according to the most recent DIN standards which are used world wide. Only quality products are certified with GS mark.

SQ is the first national mark of quality for goods produced in Slovenia. We were awarded the golden SQ mark in 1991 when it was awarded for the first time.
The golden national mark of quality is awarded for products which obtain quality control certificate.

UNIOR is also a full member of CEO.

S T A N D A R D S

Through its international activities, UNIOR has been part of the European and world economic scene for many years. Through cooperation with our partners, customers and suppliers we have established long lasting business relationship.

We reinforce these relationship with the QUALITY and REALIBILITY of our products. To achive these goals our operation has to be efficient.

The fact that UNIOR has achieved ISO 9001 certificate proves that we continously look to improve quality in our production programme.

On June 16th 1994 we were awarded the ISO 9001 standard covering development, production and marketing of hand tools, metal containers for hand tools and machines treatment of forget parts. In January 2003 we have recive certyficate ISO 9001-2000.

In 1991, we were awarded the VDE certificate for our pliers and screwdrivers issued by the VDE Institute "Pruf – und Zertifizierungsinstitut" in Offenbach in Germany. This certificate guarantees the safety of UNIOR tools. The institute constantly controls safety of our tools according to the most recent standards in this field including DIN IEC 78 and DIN EN 60900.

SAFE USE OF HAND TOOLS

Hand tools are Men's oldest aid to working. Although their original forms have not changed much, considerable technical progress has recently made in the use, maintainance, and safety of hand tools.

GENERAL CRITERIA FOR SAFE TOOLS

Safety of tools is of uppermost importance during the production process. When producing hand tools it is necessary to follow regulations on quality and safety of such tools. These regulations are mostly included in DIN standards and partly in VDE standards.

DIN standards for hand tools are:
41 – standards for hand tools – tools for fasteners
42 – standards for hand tools – hand tools

DIN standards include regulations on forms, material and quality of hand tools. Producers must follow the standards on safety at work with hand tools. Divergence from standards is allowed only if safety is assured in another way.

The mark DIN means that the product is standardized , that means the standards have been considered in its production.

When a tool does not have the mark DIN its quality must be determined by extra tests.

MAINTAINCE OF HAND TOOLS

It is absolutely necessary to maintain hand tools regularly and professionally. Maintenance includes the examination of the proper position of handles, sharpness of cutting parts, accuracy of hand tools, etc.

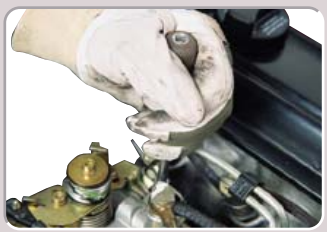
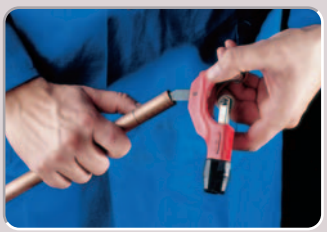
PROPER CHOICE OF HAND TOOLS

Hand tools are intended for general and specific uses. Both producers and user have to consider the proper choice of tools. When choosing a tool it is necessary to consider the purpose of its use. Using a wrong hand tool may result in its damage and/or injury to the user.

PREVENTION OF ACCIDENTS AT WORK WITH HAND TOOLS

TO PREVENT ACCIDENTS AT WORK WITH HAND TOOLS IT IS NECESSARY TO ADHERE TO THE FOLLOWING BASIC RULES:

** USE ONLY HIGH QUALITY HAND TOOLS;*
** CHOOSE THE HARDNESS OF THE MATERIAL THE TOOL IS MADE OF ACCORDING TO THE PURPOSE IT HAS BEEN INTENDED FOR;*
** USE THE HAND TOOL PROPERLY;*
** USE INSULATED TOOLS WHEN YOU WORK ON DEVICES UNDER VOLTAGE;*
** USE FIRE – RESISTANT TOOL WHERE IS A DANGER THAT A FIRE MAY BREAK OUT;*
** WHEN TRANSPORTING HAND TOOLS TO THE WORK PLACE USE APPROPRIATE CONTAINERS, ESPECIALLY IF YOU WORK HIGH ABOVE GROUND;*
** PROTECT BLADES OF TOOLS FROM ACCIDENTAL DAMAGE;*
** DO NOT LEAVE TOOLS ON DANGEROUS PLACES (FOR EXAMPLE CLOSE TO MOVING OR ROTATING PARTS OF MACHINES)*
** EXAMINE ALL TOOLS BEFORE AND AFTER USE;*
** MEND OR REPLACE THE DAMAGED TOOLS.*

WRENCHES

POWER IN YOUR HAND

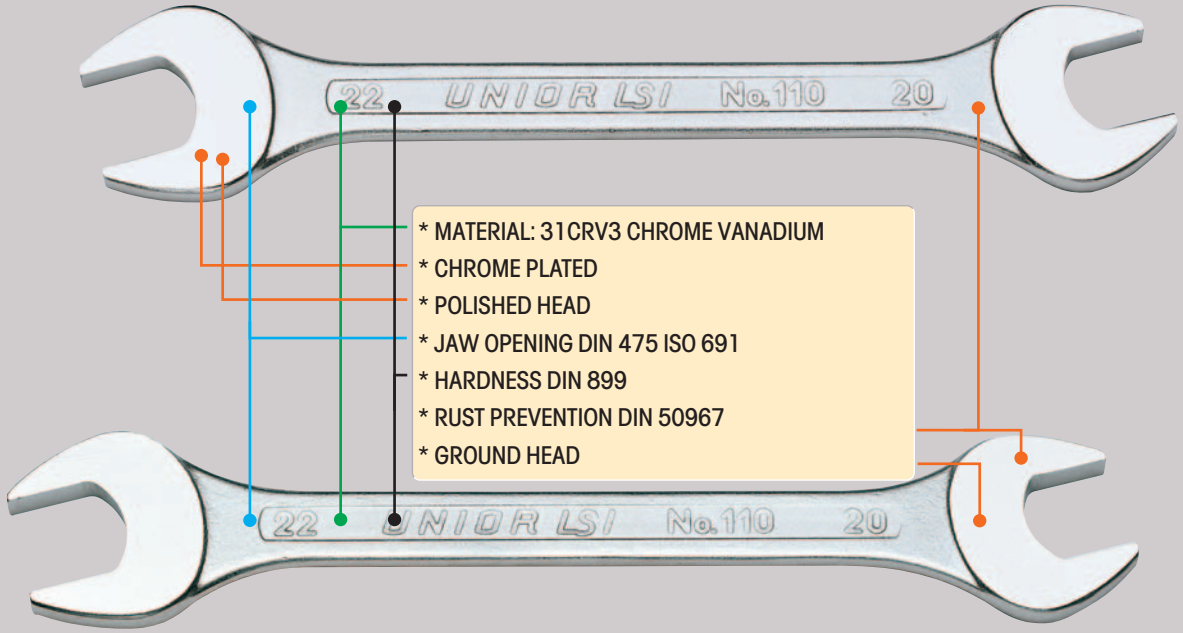
FEATURES OF OPEN END, COMBINATION, OFFSET RINGAND STARTER AND BLOCK WRENCHES

16	open end wrench	110/1
16	open end wrench	110/2
17	set of open end wrenches	110/1 CS
17	set of open end wrenches	110/1 MS
17	set of open end wrenches	110/1 PB
17	set of open end wrenches	110/2 CS
17	set of open end wrenches	110/2 MS
17	set of open end wrenches	110/2 PB
18	set of open end wrenches	110/1 CB
18	set of open end wrenches	110/1 PH
18	set of open end wrenches	110/2 CB
18	set of open end wrenches	110/2 PH
19	open end wrench	112
19	single open end wrench for gas	135
19	slogging open end wrench	118
20	combination wrench IBEX	129
20	set of combination wrenches IBEX	129 CB
20	set of combination wrenches IBEX	129 CS
20	set of combination wrenches IBEX	129 PH
21	combination wrench, short type	125/1
21	combination wrench, short type	125/2
22	set of combination wrenches, short type	125/1 CB
22	set of combination wrenches, short type	125/1 PH
22	set of combination wrenches, short type	125/2 CB
22	set of combination wrenches, short type	125/2 PH
23	set of combination wrenches, short type	125/1 CS
23	set of combination wrenches, short type	125/1 MS
23	set of combination wrenches, short type	125/2 CS
23	set of combination wrenches, short type	125/2 MS
24	offset combination wrench	130
24	set of offset combination wrench	130 CB
24	set of offset combination wrench	130 PH
25	combination wrench, long type	120/1
25	combination wrench, long type	120/2
25	set of combination wrenches, long type	120/1 PH
25	set of combination wrenches, long type	120/2 PH
26	set of combination wrenches, long type	120/1 CB
26	set of combination wrenches, long type	120/1 CS
26	set of combination wrenches, long type	120/1 MS
26	set of combination wrenches, long type	120/2 CB
26	set of combination wrenches, long type	120/2 CS
26	set of combination wrenches, long type	120/2 MS
27	flexible forged combination ratchet wrench	161
27	forged combination ratchet wrench	160
27	set of forged combination ratchet wrenches	160 CB
27	set of forged combination ratchet wrenches	161 CB
28	offset wrench "extra"	179
28	ofset ring wrench	180
29	set of offset ring wrenches	180 PB
29	set of offset ring wrenches	180 PH
30	set of offset ring wrenches	180 CB
30	set of offset ring wrenches	180 CS
30	set of offset ring wrenches	180 MS
31	flat ring wrench	182 A
31	flat ring wrench with offset head	182 B
31	flat ring wrench with TX profile	182 TX
31	set of flat ring wrench	182 A CB
31	set of flat ring wrench with offset head	182 B CB
32	flexible forged ratchet ring wrench	171
32	forged ratchet ring wrench	170
32	set of forged ratchet ring wrenches	170 CB
32	set of forged ratchet ring wrenches	171 CB
33	offset ratchet ring wrench	166
33	ratchet ring wrench	165
34	set of starter and block wrenches	200 CB
34	slogging ring wrench	184
34	slogging ring wrench	184
34	starter and block wrench	200
35	adjustable wrench	250
35	double swivel end socket wrench	202
35	set of double swivel end socket wrenches	202 CB
35	spare parts for adjustable wrench	250.1
36	set of TX profile screwdrivers with T handle	193 TX CB
36	set of TX profile screwdrivers with T handle	193 TX CS
36	set of TX profile screwdrivers with T handle	193 TX MS
36	TX profile screwdriver with T handle	193 TX
37	T-handle wrench with three "TX" profile male ends	193 T2
37	T-handle wrench with three hexagonal male ends	193 HX2
38	ball - end hexagonal screwdriver with T handle	193 HXS
38	hexagonal head screwdriver with T handle	193 HX
38	set of ball - end hexagonal screwdrivers	193 HXS CS
38	set of hexagonal head screwdrivers	193 HX CB
38	set of hexagonal head screwdrivers	193 HX CS
38	set of hexagonal head screwdrivers	193 HX MS
39	hexagon wrench	220
39	set in plastic box	220 PB1
40	set in metal folding holder	220 MH
40	set in plastic clip	220
40	set in plastic wallet	220 PB
41	hexagon wrench, long type	220 L
41	set in plastic box	220 L PB2
41	set in plastic clip	220 L set
42	ball end hexagonal wrench	220 S
42	set in plastic box	220 S PB1
42	set in plastic clip	220 S set
43	ball end hexagonal wrench, long type	220 SL
43	set in plastic box	220 SL PB2
43	set in plastic clip	220 SL set
44	ball end wrench with TX profile	220 TXS
44	set ofwrench with TX profile	220 TX MH
44	set ofwrench with ZX profile	220 ZX MH
44	wrench with TX profile	220 TX
44	wrench with ZX profile	220 ZX
45	chain wrench	206
45	strap wrench	205
45	wrench for oil drain plugs	175

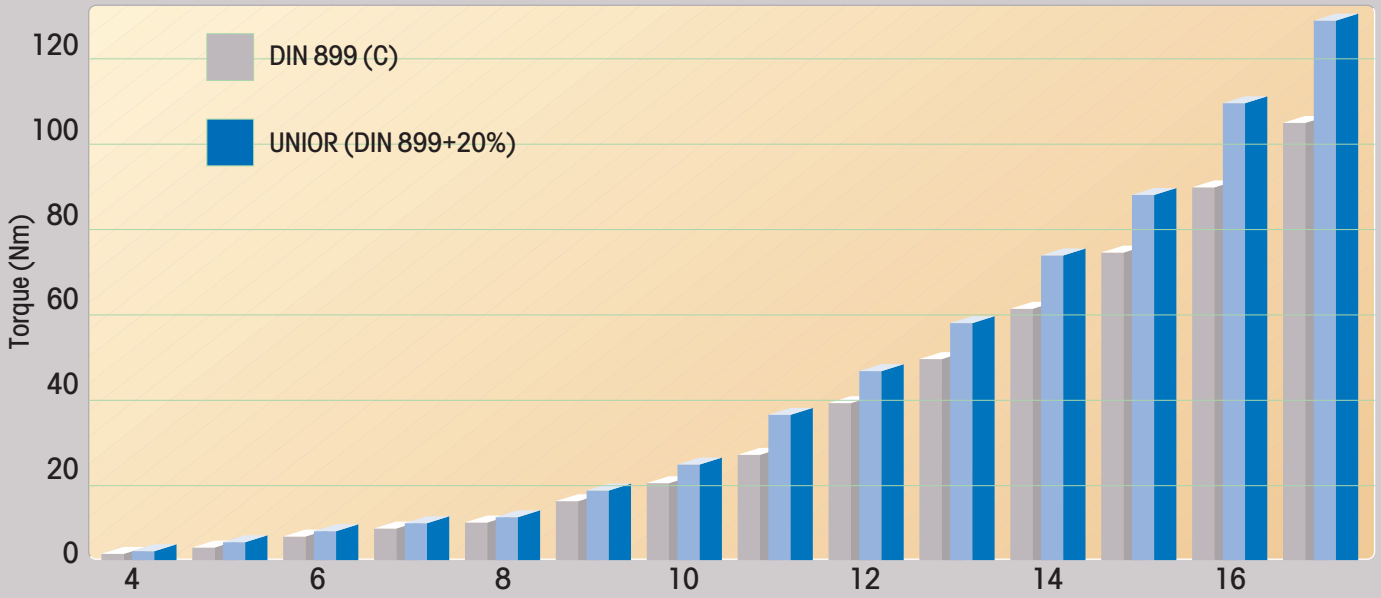
WRENCHES

POWER IN YOUR HAND

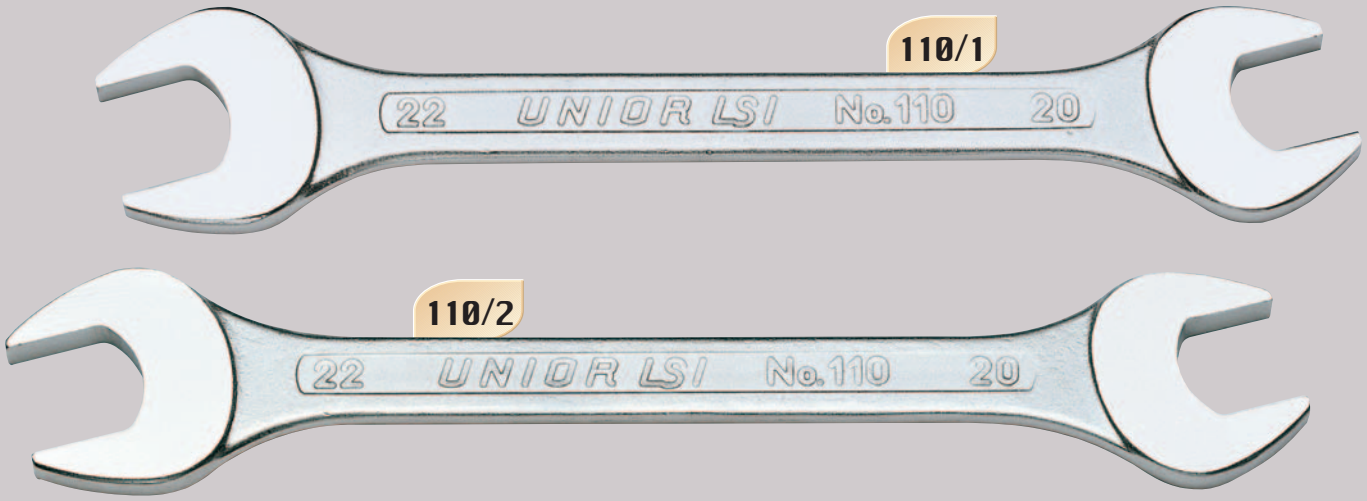
FEATURES OF OPEN END, COMBINATION, OFFSET RING AND STARTER AND BLOCK WRENCHES


22 UNIOR LSI No.110 20
* MATERIAL: 31CRV3 CHROME VANADIUM
* CHROME PLATED
* POLISHED HEAD
* JAW OPENING DIN 475 ISO 691
* HARDNESS DIN 899
* RUST PREVENTION DIN 50967
* GROUND HEAD
22 UNIOR LSI No.110 20

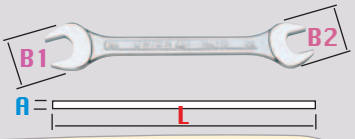
Comparison of torque in Nm DIN and UNIOR



ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.



110/1, /2 OPEN END WRENCH



DIN 3110 ISO 10102

Code 110/1	Code 110/2	⬢	L	B1	B2	A		
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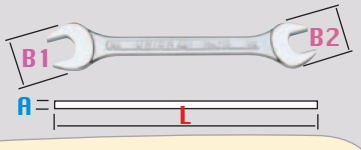
603318	603320	5x5.5	100	13.6	13.6	3.4	14	10
600059	600111	5x7	121	14.4	16.4	3.4	16	10
600060	600112	5.5x7	121	14.4	16.4	3.4	16	10
600061	600113	6x7	121	14.4	16.4	3.4	16	10
600062	600114	7x8	140	18.4	22.9	3.7	26	10
600063	600115	7x9	140	18.4	22.9	3.7	26	10
600064	600116	8x9	140	18.4	22.9	3.7	26	10
600065	600117	8x10	140	18.4	22.9	3.7	26	10
600066	600118	9x10	159	22.7	24.2	4.5	45	10
600067	600119	9x11	159	22.7	24.2	4.5	42	10
600068	600120	10x11	159	22.7	24.2	4.5	42	10
600069	600121	10x12	172	26.2	29.2	4.5	64	10
600070	600122	10x13	172	26.2	29.2	4.9	59	10
600071	600123	10x14	172	26.2	29.2	4.9	64	10
600072	600124	11x13	172	26.2	29.2	4.9	62	10
600073	600125	11x14	172	26.2	29.2	4.9	61	10
600074	600126	12x13	172	26.2	29.2	4.9	60	10
600075	600127	12x14	172	26.2	29.2	4.9	63	10
600076	600128	13x14	192	31.2	33.2	5.4	81	10
600077	600129	13x15	192	31.2	33.2	5.4	85	10
603846	603849	13x16	192	31.2	33.2	5.4	104	10
600078	600130	13x17	200	31.2	37.7	5.7	110	10
600079	600131	14x15	192	31.2	33.2	5.4	82	10
600080	600132	14x17	200	31.2	37.7	5.7	104	10
600081	600133	15x17	206	35.7	37.7	5.7	114	10
600082	600134	16x17	206	35.7	37.7	5.7	111	10
603121	603122	16x18	213	35.7	41.5	6.2	143	10
600083	600135	17x19	223	39.5	41.5	6.2	150	10
600084	600136	17x22	223	39.5	41.5	6.2	195	10
600085	600137	18x19	223	39.5	41.5	6.2	148	10
603847	603850	18x21	223	39.5	41.5	6.2	146	10
600086	600138	19x22	232	43.5	46.0	6.7	190	5
600087	600139	19x24	232	43.5	46.0	6.7	245	10
600088	600140	20x22	232	43.5	46.0	6.7	185	5
600089	600141	21x23	249	46.0	52.0	7.2	243	5
600090	600142	22x24	249	46.0	52.0	7.2	246	5
600091	600143	22x27	249	46.0	5.20	7.2	300	5
600092	600144	24x26	265	51.8	55.3	7.7	306	5

110/1 * CHROME PLATED * POLISHED HEADS
110/2 * CHROME PLATED

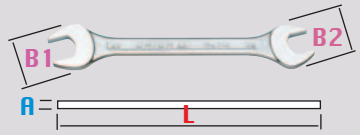
110/1, /2 OPEN END WRENCH



DIN 3110 ISO 10102

Code 110/1	Code 110/2	⬢	L	B1	B2	A		
600093	600145	24x27	265	51.8	55.3	7.7	303	5
600094	600146	24x30	279	53.8	58.8	8.2	371	5
600095	600147	25x28	279	53.8	58.8	8.2	350	5
600096	600148	27x29	309	62.8	67.3	9.2	538	5
600097	600149	27x30	309	62.8	67.3	9.2	526	5
600098	600150	27x32	309	62.8	67.3	9.2	518	5
600099	600151	30x32	309	62.8	67.3	9.2	524	5
603848	603851	30x34	315	62.8	68.8	9.6	535	5
602593	602596	30x36	319	62.8	78.8	9.6	631	1
600100	600152	32x36	327	68.8	78.8	9.6	652	1
600101	600153	34x36	327	68.8	78.8	9.6	650	1
600102	600154	36x41	360	78.8	86.8	9.6	823	1
605549	605550	38x42	360	78.8	86.8	9.6	815	1
602594	602597	41x46	410	86.8	94.8	14.6	1718	1
602595	602598	46x50	460	94.8	103.8	15.6	2380	1

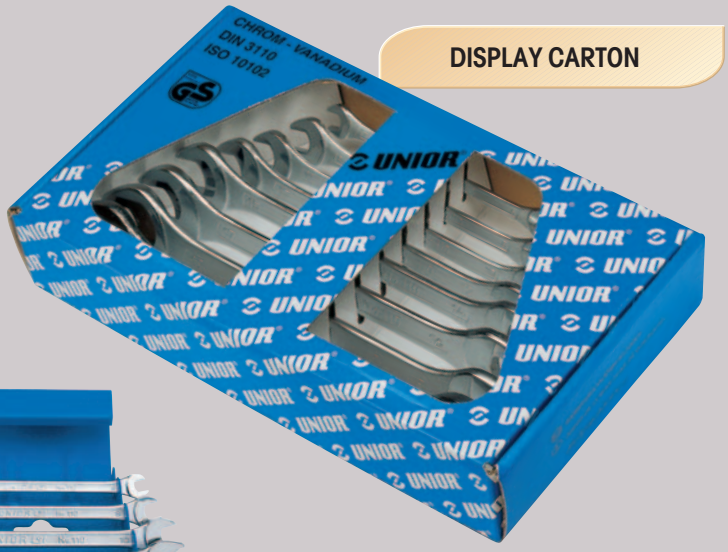
110/1, /2 OPEN END WRENCH, INCH SIZE



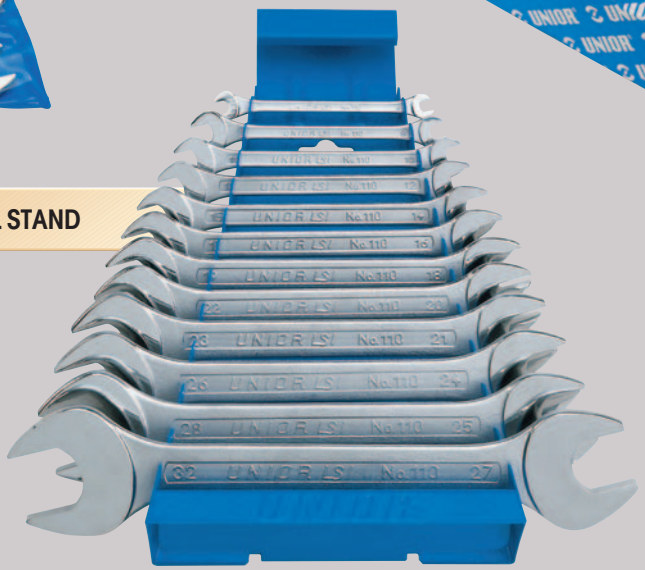
DIN 3110 ISO 10102

Code 110/1	Code 110/2	⬢	L	B1	B2	A		
605348	605458	1/4x5/16	121	14.4	16.4	3.4	18	1
605349	605459	5/16x3/8	140	18.4	22.9	3.7	27	0
605350	605460	3/8x7/16	159	22.7	24.2	4.5	45	1
605351	605461	7/16x1/2	172	26.3	29.2	4.9	64	0
605352	605462	1/2x9/16	192	31.2	33.2	5.4	84	1
605353	605463	9/16x5/8	192	31.2	33.2	5.4	81	0
605354	605464	5/8x11/16	206	35.7	37.7	5.7	111	1
605355	605465	11/16x3/4	223	39.5	41.5	6.2	111	0
605356	605466	13/16x7/8	249	46.0	52.0	7.2	243	1
605357	605467	15/16x1"	265	51.8	55.3	7.7	303	0
605358	605468	1"x 1" 1/8	279	53.8	58.8	8.2	350	1
605359	605469	1" 1/16x 1" 1/4	309	62.8	67.3	9.6	518	0

PLASTIC WALLET



DISPLAY CARTON



METAL STAND

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110 PB SET IN PLASTIC WALLET

Code 110/1	Code 110/2	SET	PCS			
600108	600159	6-17	6	6x7+8x9+10x11+12x13 +14x15+16x17	385	1
600109	600160	6-22	8	6x7+8x9+10x11+12x13 +14x15+16x17+18x19+ 20x22	725	1

110 CS SET IN DISPLAY CARTON

Code 110/1	Code 110/2	SET	PCS			
602844	602846	6-22	8	6x7+8x9+10x11+ 12x13+14x15+16x17 +18x19+20x22	810	1

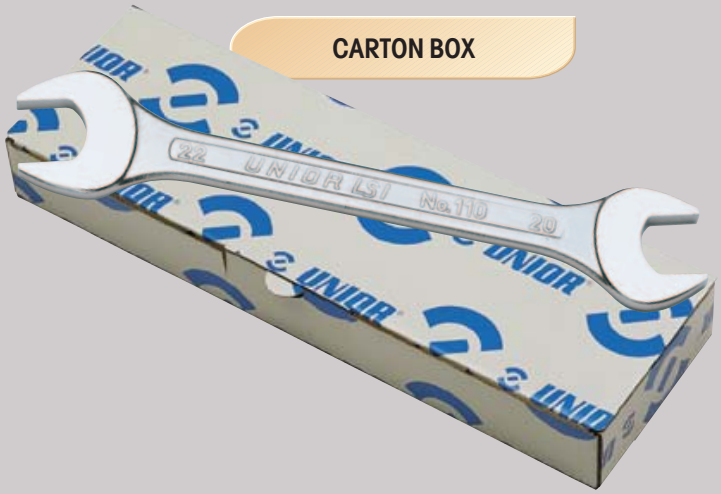
110 MS SET ON METAL STAND

Code 110/1	Code 110/2	SET	PCS			
605528	605529	6-32	12	6x7+8x9+10x11+12x13 +14x15+16x17+18x19+ 20x22+21x23+24x26+ 25x28+27x32	2835	1

Code 110/1	Code 110/2	SET	PCS			
605532	605535	1/4x5/16- 1"1/16x1"1/4	12	1/4x5/16+5/16x3/8+ 3/8x7/16+7/16x1/2+ 1/2x9/16+9/16x5/8+ 5/8x11/16+11/16x3/4+ 13/16x7/8+15/16x1"+ 1"x1"1/8+1"1/16x1"1/4	2720	1

PLASTIC HANGER

CARTON BOX



110 CB SET IN CARTON BOX

Code 110/1	Code 110/2	SET	PCS			
600105	600155	6-22	8	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22	740	1
600106	600156	6-32	12	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22+21x23+24x26+25x28+27x32	2190	1
600107	600158	6-41	13	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22+21x23+24x26+25x28+27x32+36x41	3030	1
611018	603345	6-27	10	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22+21x23+24x27	1320	1

Code 110/1	Code 110/2	SET	PCS			
605530	605533	1/4x5/16-11/16x3/4	8	1/4x5/16+5/16x3/8+3/8x7/16+7/16x1/2+1/2x9/16+9/16x5/8+5/8x11/16+11/16x3/4	620	1
605531	605534	1/4x5/16-1"1/16x1"1/4	12	1/4x5/16+5/16x3/8+3/8x7/16+7/16x1/2+1/2x9/16+9/16x5/8+5/8x11/16+11/16x3/4+13/16x7/8+15/16x1+1"x1"1/8+1"1/16x1"1/4	2075	1

110 PH SET ON PLASTIC HANGER

Code 110/1	Code 110/2	SET	SET/PCS		
610835	610836	6-22	8	950	1

Art.	
110	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22

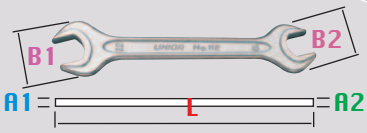
*new plastic hanger*earth friendly*durability of the hanger*hight practicability

118

112

135

112 OPEN END WRENCH



* MATERIAL : CARBON TOOL STEEL
* CHROME PLATED

DIN 895 ISO 1085

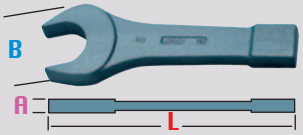
Code		L	B1	B2	A1	A2		
602081	6x7	97	15	17	3	3.2	20	10
602082	8x10	115	18	22	4.2	4.2	26	10
605045	10x12	128	22	28	5	5	38	10
603611	10x13	137	26	28.5	5.2	5.2	42	10
602083	11x13	132	26	28.5	5	5.4	62	10
602084	12x14	146	28	32	5.5	5.5	63	10
602085	13x15	152	28	32	6	6	89	10
603134	13x17	158	30	35	6.5	6.5	100	10
602086	14x17	158	30	35	6.5	6.5	110	10
602087	17x19	170	35	40	7	7	149	10
602088	19x22	197	42	48	8	8	160	10
605921	21x23	217	46	51	9	9	170	10

135 SINGLE OPEN END WRENCH FOR GAS

* CHROME PLATED

Code		L	B1	A		
600262	27	187	52	22	146	10

118 SLOGGING OPEN END WRENCH



* MATERIAL : CARBON TOOL STEEL
* LACQUERED

DIN 133

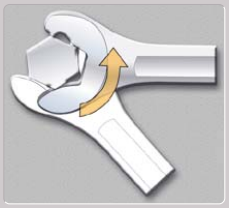
Code		L	B	A		
600264	24	170	56	15	425	5
600265	27	170	56	15	400	5
600266	30	200	70	18	870	5
600267	32	200	70	18	840	5
600268	36	200	70	18	816	5
600269	41	240	88	20	1500	1
600270	46	240	88	20	1400	1
600271	50	265	102	20	1600	1
600272	55	305	112	24	2580	1
600273	60	305	112	24	2530	1
600274	65	335	123	27	3604	1
600275	70	370	143	30	5200	1
602060	75	370	143	30	4600	1
602061	80	435	180	35	10800	1
602062	85	435	180	35	9550	1
602063	90	435	180	35	9200	1
602064	95	435	180	35	8800	1
602065	100	435	180	35	8500	1

- The strength is acting on the flank of nut to protect its angle.

- 3 drive surface for greater power

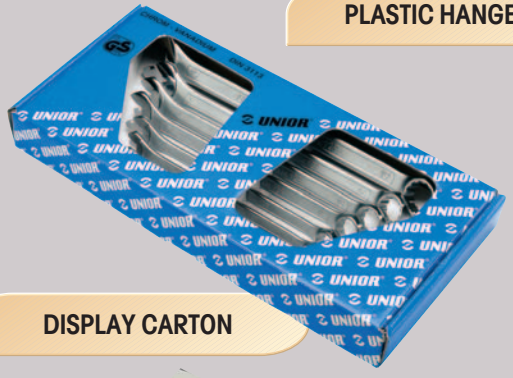
- 100% positioning of the wrench

- Rewind action without removing the tool



PLASTIC HANGER

DISPLAY CARTON

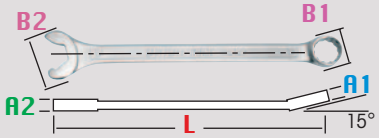


CARTON BOX

PAGE 259

129 IBEX COMBINATION WRENCH

material: chrome vanadium
surface finish: chrome plated, polished head
hardness accordance to DIN 899
ring part with new profile – off the point drive



Code	⬢	L	B1	B2	A1	A2		
611762	8	140	13.2	18.5	6,9	3.9	28	10
611763	10	160	15.9	23.0	7,5	4.2	42	10
611764	11	174	17.8	24.5	8,0	4.5	47	10
611765	12	183	19.4	26.5	8,5	4.7	58	10
611766	13	196	20.4	29.5	8,5	5.2	70	10
611767	14	206	22.0	31.5	9,0	5.2	84	10
611768	15	217	23.2	33.5	9,5	5.7	104	10
611769	16	227	24.8	36.0	10,5	6.2	128	10
611770	17	238	26.1	38.0	10,5	6.7	149	10
611930	18	250	28,0	40,0	11,0	7,2	160	10
611771	19	261	29.3	42.0	12,0	7.2	189	10
611772	22	296	34.1	46.5	13,0	8.2	272	10
611773	24	321	37.3	52.5	14,0	8.5	353	5

129 CB SET IN CARTON BOX

Code	SET	SET/PCS	
611776	8-24	12	1
	8+10+11+12+13+14+15+16+17+19+22		

129 CS SET IN DISPLAY CARTON

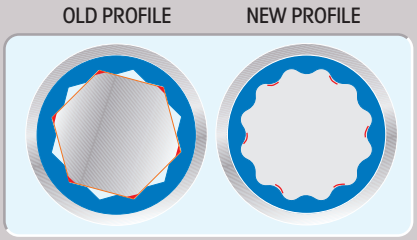
Code	SET	SET/PCS	
611775	8-19	18	1
	8+10+12+13+14+15+17+19		

129 PH SET ON PLASTIC HANGER

Code	SET	SET/PCS	
611774	8-19	8	1
	8+10+12+13+14+15+17+19		

Code 129 PH	SET	SET/PCS	
611967	8-18	8	1
	8+10+12+13+14+15+16+18		

WRENCHES – NEW PROFILE

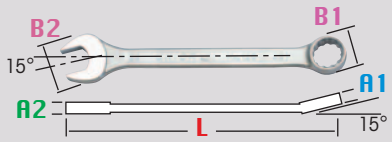


The advantage of the new profile is that the strength is acting on the flank of nut to protect its angle. Longer tool life.

125/1,/2 COMBINATION WRENCH, SHORT TYPE

125/1
* CHROME PLATED, POLISHED HEAD
125/2
* CHROME PLATED
*RING PART WITH THE NEW PROFILE- OFF THE POINT DRIVE

DIN 3113 ISO 7738

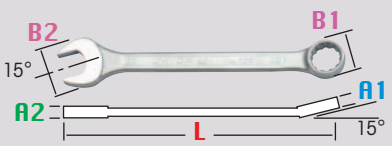


Code 125/1	Code 125/2	⬢	L	B1	B2	A1	A2		
600414	602099	6	100	10.4	14.5	5.0	3.5	13	10
600415	602100	7	109	11.5	16.5	5.8	3.9	17	10
600416	602101	8	119	13.2	18.5	6.9	3.9	23	10
600417	602102	9	123	14.3	21.0	7.3	4.0	28	10
600418	602103	10	128	15.9	23.0	7.5	4.2	33	10
600419	602104	11	135	17.8	24.5	8.0	4.5	35	10
600420	602105	12	139	19.4	26.5	8.5	4.7	45	10
600421	602106	13	150	20.4	29.5	8.5	5.2	60	10
600422	602107	14	160	22.0	31.5	9.0	5.2	68	10
600423	602108	15	170	23.2	33.5	9.5	5.7	83	10
600424	602109	16	180	24.8	36.0	10.5	6.2	100	10
600425	602110	17	190	26.1	38.0	10.5	6.7	123	10
600426	602111	18	200	27.7	40.0	11.0	7.2	144	10
600427	602112	19	210	29.3	42.0	12.0	7.2	165	10
600428	602113	20	220	31.0	44.0	12.5	7.7	190	10
600429	602114	21	230	32.6	45.5	13.0	8.2	214	10
600430	602115	22	247	34.1	46.5	13.0	8.2	230	10
602089	602116	23	250	35.7	50.5	13.0	8.2	263	5
602090	602117	24	266	37.3	52.5	14.0	8.5	297	5
602091	602118	25	270	39.0	54.5	14.5	8.5	327	5
602092	602119	26	275	40.1	56.0	15.0	8.5	343	5
602093	602120	27	292	41.6	57.5	15.0	9.0	380	5
602094	602121	28	296	43.2	59.5	15.5	9.0	426	5
602095	602122	29	300	44.9	61.5	16.0	9.5	460	5
602096	602123	30	323	46.5	63.5	16.0	10.0	502	5
602097	602124	32	343	49.0	68.0	16.5	10.5	590	5
603332	603333	36	400	54.5	79.5	20.0	13.5	115	1

125/1,/2 COMBINATION WRENCH, SHORT TYPE, INCH SIZE

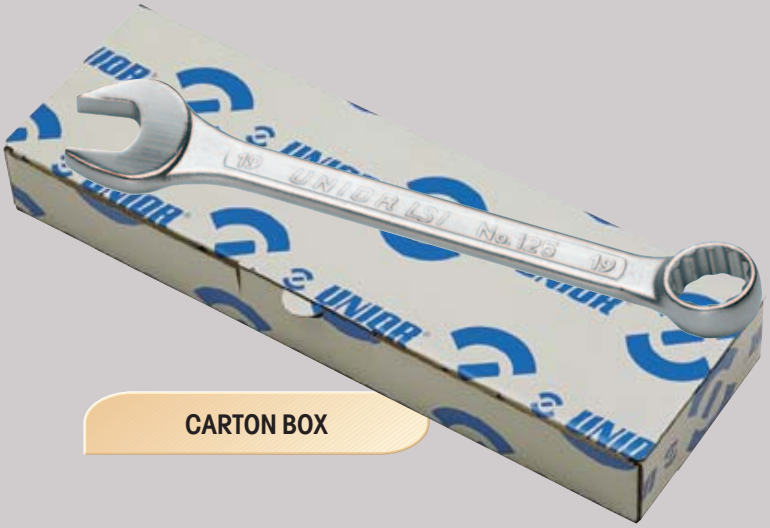
125/1
* CHROME PLATED, POLISHED HEAD
125/2
* CHROME PLATED
* RING PART WITH THE NEW PROFILE- OFF THE POINT DRIVE

DIN 3113 ISO 7738



Code 125/1	Code 125/2	⬢ "	L	B1	B2	A1	A2		
605360	605470	1/4	100	10.4	14.5	5.0	3.5	13	10
605361	605471	5/16	119	13.2	18.5	6.9	3.9	23	10
605362	605472	3/8	128	14.3	21.0	7.3	4.0	26	10
605363	605473	7/16	135	17.8	24.5	8.0	4.5	38	10
605364	605474	1/2	150	20.4	29.5	8.5	5.2	57	10
605365	605475	9/16	160	22.0	31.5	9.0	5.2	70	10
605366	605476	5/8	180	24.8	36.0	10.5	6.2	103	10
605367	605477	11/16	190	26.1	38.0	10.5	6.7	123	10
605368	605478	3/4	210	29.3	42.0	12.0	7.2	159	10
607857	607858	13/16	230	32.6	45.5	13.0	8.2	216	10
605369	605479	7/8	247	34.1	46.5	13.0	8.2	230	10
605370	605480	15/16	266	37.3	52.5	14.0	8.5	300	10
605371	605481	1"	270	39.0	54.5	14.5	8.5	325	5
605372	605482	1"1/16	292	41.6	57.5	15.0	9.0	374	5
605373	605483	1" 1/8	296	43.2	59.5	15.5	9.0	416	5
605374	605484	1" 1/4	343	49.0	68.0	16.5	10.5	592	5

PLASTIC HANGER



CARTON BOX

125 PH — SET ON PLASTIC HANGER

Code 125/1	Code 125/2	SET	SET/PCS		
610841	610843	8-19	8	596	1

Art.	
125	8+9+10+12+13+14+17+19

Code 125/1	Code 125/2	SET	SET/PCS		
610842	610844	8-18	8	596	1

Art.	
125	8+9+10+12+13+14+16+18

*new plastic hanger*earth friendly*durability of the hanger*hight practicability

125 CB — SET IN CARTON BOX

Code 125/1	Code 125/2	SET	PCS			
600431	602125	6-22	17	6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22	1650	1
602098	602126	6-32	26	6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+25+26+27+28+29+30+32	5310	1
611021	603347	8-22	10	8+10+11+12+13+14+15+17+19+22	869	1
611022	603348	10-30	12	10+11+12+13+14+15+17+19+22+24+27+30	2025	1

Code 125/1	Code 125/2	SET	PCS	"		
605541	605543	3/8-1"	8	3/8+7/16+1/2+9/16+5/8+3/4+7/8+1"	1111	1
605542	605544	1/4-1" 1/4	15	1/4+5/16+3/8+7/16+1/2+9/16+5/8+11/16+3/4+7/8+15/16+1"+1" 1/16+1" 1/8+1" 1/4	3698	1

DISPLAY CARTON

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METAL STAND

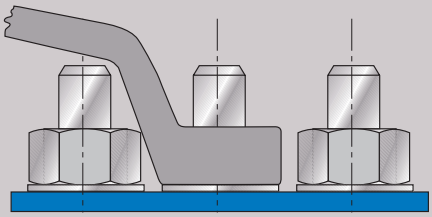
125 CS — SET IN DISPLAY CARTON

Code 125/1	Code 125/2	SET	PCS			
603711	603712	8-	8	8+9+10+12+13+14+17+19	810	1

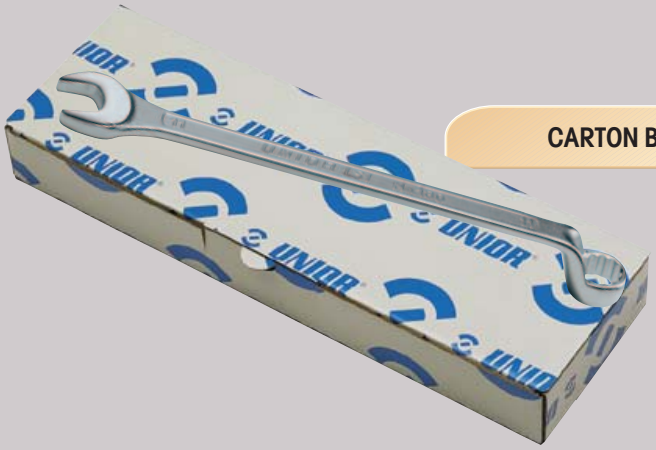
125 MS — SET ON METAL STAND

Code 125/1	Code 125/2	SET	PCS			
605539	605540	6-22	17	6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22	2270	1

130



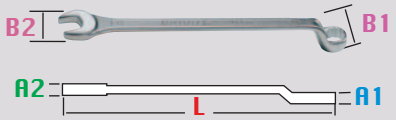
PLASTIC HANGER



CARTON BOX

130 OFFSET COMBINATION WRENCH

MATERIAL: CHROME VANADIUM
CHROME PLATED, POLISHED HEAD
END OFF POINT PROFILE
*RING PART WITH THE NEW PROFILE-
OFF THE POINT DRIVE



Code		L	B1	B2	A1	A2		
610047	6	113	11	14,5	5	3,5	16	10
610048	7	126	12	16,5	5,8	3,8	21	10
610049	8	132	14	18,5	6,9	3,8	28	10
610050	9	145	15	21	7,3	4	33	10
610051	10	157	17	23	7,5	4	42	10
610052	11	170	18	24,5	8	4,5	47	10
610053	12	176	20	26	8,5	4,7	58	10
610054	13	189	20,5	29	8,5	5	70	10
610055	14	202	22	31	9	5	84	10
610056	15	209	23,5	33	9,5	5,5	104	10
610057	16	221	25	35,5	10,5	6	135	10
610058	17	228	26	37,5	105	6,5	149	10
610059	18	247	27,5	39,5	11	7	170	10
610060	19	259	29,5	41,5	12	7	189	10
610061	20	265	31	43,5	12,5	7,5	210	10
610062	21	275	32,5	45	13	8	240	10
610063	22	286	34	46	13	8	272	10
610064	23	296	36	50	13,5	8	300	5
610065	24	311	37,5	52	14	8,5	350	5
610066	25	318	39	54	14,5	8,5	377	5
610067	26	329	40	55	15	8,5	420	5
610068	27	340	41,5	56,5	15	9	460	5
610069	28	351	43	58,5	15,5	9	520	5
612319	29	363	45	60	16	9,5	570	5
610070	30	373	46	62	16,5	10,5	630	5
610071	32	394	49	67	16,5	11	680	5

130 CB SET IN CARTON BOX

Code	SET	SET/PCS		
610204	6-22	13	1200	1

Art.	
130	6+7+8+9+10+11+12+13+14 +15+17+19+22

130 PH SET ON PLASTIC HANGER

Code	SET	SET/PCS		
611016	8-19	8	744	1

Art.	
130	8+9+10+12+13+14+17+19

Code	SET	SET/PCS		
611017	8-18	8	744	1

Art.	
130	8+9+10+12+13+14+16+18

*new plastic hanger*earth friendly*durability of the hanger*hight practicability

120/1

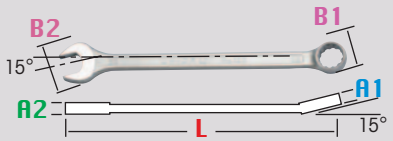
120/2

PLASTIC HANGER

120/1, /2 COMBINATION WRENCH, LONG TYPE

120/1
* CHROME PLATED, POLISHED HEAD
120/2
* CHROME PLATED
*RING PART WITH THE NEW PROFILE-OFF THE POINT DRIVE

DIN 3113 ISO 7738



Code 120/1	Code 120/2		L	B1	B2	A1	A2		
600357	600386	6	119	10.4	14.5	5.0	3.5	16	10
600358	600387	7	129	11.5	16.5	5.8	3.9	21	10
600359	600388	8	141	13.2	18.5	6.9	3.9	28	10
600360	600389	9	152	14.3	21.0	7.3	4.0	33	10
600361	600390	10	163	15.9	23.0	7.5	4.2	42	10
600362	600391	11	176	17.8	24.5	8.0	4.5	47	10
600363	600392	12	186	19.4	26.5	8.5	4.7	58	10
600364	600393	13	199	20.4	29.5	8.5	5.2	70	10
600365	600394	14	210	22.0	31.5	9.0	5.2	84	10
600366	600395	15	222	23.2	33.5	9.5	5.7	104	10
600367	600396	16	234	24.8	36.0	10.5	6.2	128	10
600368	600397	17	245	26.1	38.0	10.5	6.7	149	10
600369	600398	18	257	27.7	40.0	11.0	7.2	172	10
600370	600399	19	268	29.3	42.0	12.0	7.2	189	10
600371	600400	20	280	31.0	44.0	12.5	7.7	226	10
600372	600401	21	291	32.6	45.5	13.0	8.2	246	10
600373	600402	22	303	34.1	46.5	13.0	8.2	272	10
600374	600403	23	314	35.7	50.5	13.0	8.2	312	5
600375	600404	24	330	37.3	52.5	14.0	8.5	353	5
600376	600405	25	337	39.0	54.5	14.5	8.5	385	5
600377	600406	26	349	40.1	56.0	15.0	8.5	421	5
600378	600407	27	360	41.6	57.5	15.0	9.0	462	5
600379	600408	28	373	43.2	59.5	15.5	9.0	516	5
600380	600409	29	383	44.9	61.5	16.0	9.5	567	5
600381	600410	30	395	46.5	63.5	16.0	10.0	600	5
600382	600411	32	416	49.0	68.0	16.5	10.5	757	5
607019	607020	35	500	53.5	78.8	20.0	13.6	1445	1
602601	602689	36	500	53.5	78.8	20.0	13.6	1370	1
605838	605839	38	515	58.0	82.8	20.5	14.1	1650	1
602602	602690	41	540	62.0	86.8	21.0	14.6	1970	1

120 PH SET ON PLASTIC HANGER

Code 120/1	Code 120/2	SET	SET/PCS		
610837	610839	8-19	8	744	1

Art.	
120	8+9+10+12+13+14+17+19

Code 120/1	Code 120/2	SET	SET/PCS		
610838	610840	8-18	8	744	1

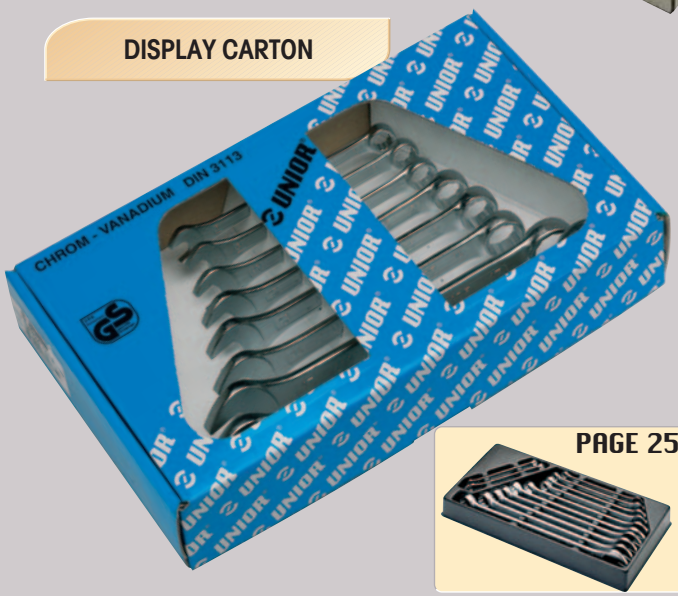
Art.	
120	8+9+10+12+13+14+16+18

*new plastic hanger*earth friendly*durability of the hanger*hight practicability

CARTON BOX

METAL STAND

DISPLAY CARTON



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120 CB — SET IN CARTON BOX

Code 120/1	Code 120/2	SET	SET/PCS		
611019	603670	8-22	10	1043	1

Art.	
120	8+10+11+12+13+14+15+17+19+22

Code 120/1	Code 120/2	SET	SET/PCS		
611020	603671	10-30	12	2430	1

Art.	
120	10+11+12+13+14+15+17+19+22+24+27+30

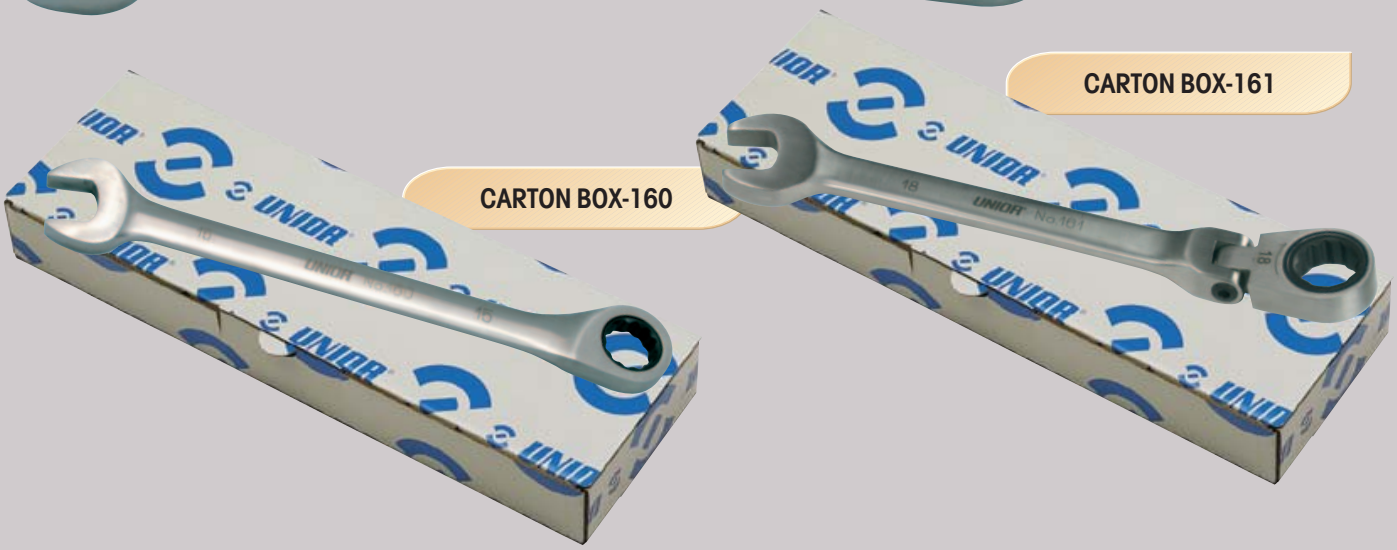
Code 120/1	Code 120/2	SET	PCS			
600383	600412	6-22	17	6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22	1985	1
600384	600413	6-32	26	6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+25+26+27+28+29+30+32	6460	1

120 CS — SET IN DISPLAY CARTON

Code 120/1	Code 120/2	SET	PCS			
603709	603710	8-	8	8+9+10+12+13+14+17+19	970	1

120 MS — SET ON METAL STAND

Code 120/1	Code 120/2	SET	PCS			
605537	605538	6-22	17	6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22	2820	1

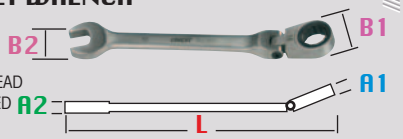


160 FORGED COMBINATION RATCHET WRENCH

MATERIAL:
* CHROME VANADIUM, POLISHED HEAD
* ENTIRELY HARDENED AND TEMPERED
* THE HARDNESS IS IN ACCORDANCE WITH DIN STANDARD
* THE TORQUE OF THE WRENCH IS HIGHER FROM PRESCRIBED

Code		L	B1	B2	A1	A2		
611609	8	144	17,5	18	4,5	7,7	50	10
611610	9	150	21	20,1	4,7	8	68	10
611611	10	157	21	22,5	5,3	8	70	10
611612	11	165	22,5	24,8	5,7	9	75	10
611613	12	172	25	26,5	6	9	110	10
611614	13	182	25	27,5	6,7	9	110	10
611615	14	189	27,5	31	7,1	9	130	10
611616	15	202	27,5	32,5	7,5	9	140	10
611617	16	216	30,5	34	7,8	10,5	221	10
611618	17	226	30,5	37	8,1	10,5	220	10
611619	18	237	33,5	38,5	8,3	11,5	261	10
611620	19	248	33,5	41	8,5	11,5	260	10

161 FLEXIBLE FORGED COMBINATION RATCHET WRENCH



MATERIAL:
* CHROME VANADIUM, POLISHED HEAD
* ENTIRELY HARDENED AND TEMPERED
* THE HARDNESS IS IN ACCORDANCE WITH DIN STANDARD
* THE TORQUE OF THE WRENCH IS HIGHER FROM PRESCRIBED

Code		L	B1	B2	A1	A2		
611621	8	143	17,5	18	5,5	9	50	10
611622	9	152	21	20	6	10	68	10
611623	10	158	21	23	6	10	70	10
611624	11	164	22,5	24	6	10	75	10
611625	12	171	25	26	6,5	10	110	10
611626	13	177	25	29	6,5	10	110	10
611627	14	187	27,5	30	7	10	130	10
611628	15	195	27,5	32	7	10	140	10
611629	16	211	30,5	34	8	13	221	10
611630	17	220	30,5	35	8	13	220	10
611631	18	235	33,5	37	9	13	261	10
611632	19	244	33,5	39	9	13	260	10

160 CB SET IN CARTON BOX

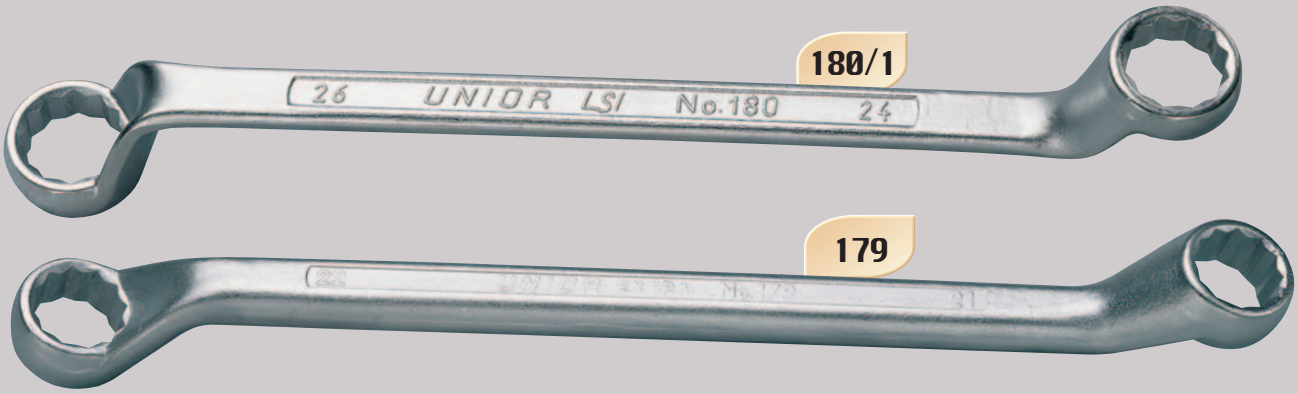
Code	SET	PCS	
611957	8-19	8	1

Art.	
160	8+9+10+12+13+14+17+19

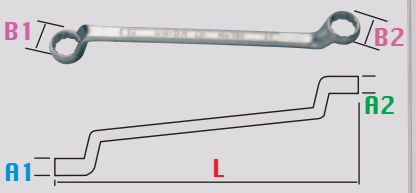
161 CB SET IN CARTON BOX

Code	SET	PCS	
611958	8-19	8	1

Art.	
160	8+9+10+12+13+14+17+19



180/1 OFFSET RING WRENCH

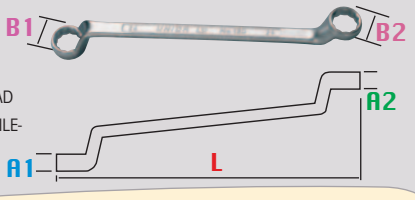


* CHROME PLATED, POLISHED HEAD
* RING PART WITH THE NEW PROFILE-OFF THE POINT DRIVE

DIN 838 ISO 10104

Code		L	B1	B2	A1	A2		
600509	5x7	145	9.5	11.8	5.5	6.0	30	10
600510	5.5x7	145	9.5	11.8	5.5	6.0	30	10
600511	6x7	178	10.3	11.8	5.5	6.1	46	10
600512	8x9	190	13.3	14.8	6.7	7.3	62	10
600513	8x10	166	13.3	16.0	6.0	8.0	51	10
602663	9x11	182	14.1	16.7	7.0	9.0	67	10
600514	10x11	205	16.3	17.8	7.9	8.4	85	10
602997	10x12	210	16.3	19.3	7.9	9.0	89	10
600515	11x12	205	16.7	17.7	9.0	9.0	97	10
600516	12x13	220	19.3	20.9	9.0	9.5	105	10
600517	12x14	205	17.7	20.3	9.0	10.0	97	10
600518	13x15	235	20.8	23.3	9.5	10.5	132	10
603843	13x16	256	19.1	23.4	10.0	11.0	170	10
600519	13x17	258	20.8	26.3	9.5	11.5	172	10
600520	14x15	235	22.3	23.3	10.0	10.5	146	10
600521	14x17	257	20.5	24.3	10.0	12.0	170	10
600522	16x17	258	25.3	26.3	11.0	11.5	190	10
603123	16x18	259	23.6	26.5	11.0	12.0	205	10
600523	17x19	270	26.3	29.2	11.4	12.4	224	10
600524	18x19	270	28.2	29.2	11.9	12.4	221	10
603844	18x21	290	28.2	32.2	11.9	13.3	324	10
600525	19x22	293	29.2	34.2	12.4	13.7	346	5
600526	20x22	295	31.2	34.2	12.8	13.7	313	5
600527	21x23	305	32.2	36.2	13.3	14.1	350	5
600528	22x24	315	34.2	37.2	13.7	14.6	367	5
600529	24x26	325	37.2	40.2	14.6	15.4	461	5
600530	24x27	325	37.2	41.2	14.6	15.8	447	5
600531	25x28	335	39.2	43.2	15.0	16.2	513	5
600532	27x29	335	41.2	44.2	15.8	16.6	605	5
600533	27x30	360	39.2	43.4	15.0	16.0	643	5
600534	27x32	360	41.2	48.2	15.8	17.8	676	5
600535	30x32	370	45.2	48.2	17.0	17.8	712	5
603845	30x34	366	43.5	48.0	15.0	17.0	629	5
603124	30x36	395	43.5	48.8	15.0	18.0	730	5
600536	32x36	410	48.2	54.2	17.8	19.4	750	5
600537	36x41	450	49.0	57.0	19.0	21.0	945	1
602664	41x46	472	57.0	62.0	21.0	23.0	1400	1

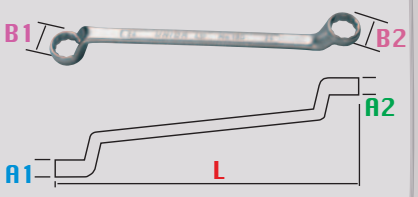
180/1 OFFSET RING WRENCH, INCH SIZE



* CHROME PLATED, POLISHED HEAD
* RING PART WITH THE NEW PROFILE-OFF THE POINT DRIVE

Code	„	L	B1	B2	A1	A2		
605375	1/4x5/16	178	10.3	11.8	5.5	6.1	44	10
605376	5/16x3/8	190	13.3	14.8	6.7	7.3	51	10
605377	3/8x7/16	205	16.3	17.8	7.9	8.4	85	10
605378	7/16x1/2	205	16.7	17.7	9.0	9.0	91	10
605379	1/2x9/16	205	17.7	20.3	9.0	10.0	97	10
605380	9/16x5/8	235	22.3	23.3	10.0	10.5	134	10
605381	5/8x11/16	258	25.3	26.3	11.0	11.5	196	10
605382	11/16x3/4	270	26.3	29.2	11.4	12.4	247	10
605383	13/16x7/8	295	31.2	34.2	12.8	13.7	362	5
605384	15/16x1"	325	37.2	40.2	14.6	15.4	487	5
605385	1"x1" 1/8	335	39.2	43.2	15.0	16.2	563	5
605386	1" 1/16x1" 1/4	360	41.2	48.2	15.8	17.8	693	5

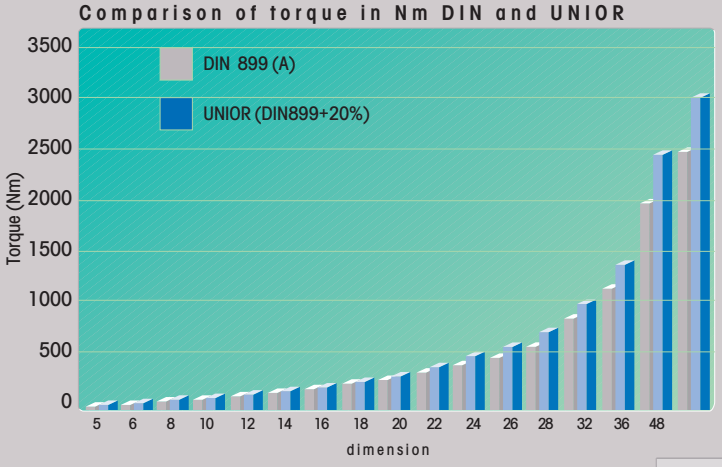
179 OFFSET RING WRENCH "EXTRA"



* CHROME PLATED

Code		L	B1	B2	A1	A2		
605042	21x2	316	34	35	17	1	620	1

Comparison of torque in Nm DIN and UNIOR



PLASTIC WALLET

PLASTIC HANGER

180 PB SET IN PLASTIC WALLET

Code	SET	PCS			
600540	6-17	6	6x7+8x9+10x11+12x13+14x15+16x17	675	1
600544	6-22	8	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22	1235	1

180 PH SET ON PLASTIC HANGER

Code	SET	SET/PCS		
610845	6-22	8	950	1

Art.	
180	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22

*new plastic hanger*earth friendly*durability of the hanger*hight practicability

DISPLAY CARTON

CARTON BOX

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METAL STAND

180 CB — SET IN CARTON BOX

Code	SET	PCS			
600541	6-22	8	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22	1305	1
600542	6-32	12	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22+21x23+24x26+25x28+27x32	3375	1
600543	6-41	13	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22+21x23+24x26+25x28+27x32+36x41	4375	1
603674	6-27	10	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22+21x23+24x27	2186	1

Code	SET	PCS			
605546	1/4x5/16-11/16x3/4	8	1/4x5/16+5/16x3/8+3/8x7/16+7/16x1/2+1/2x9/16+9/16x5/8+5/8x11/16+11/16x3/4	1000	1
605547	1/4x5/16-11/16x1 1/4	12	1/4x5/16+5/16x3/8+3/8x7/16+7/16x1/2+1/2x9/16+9/16x5/8+5/8x11/16+11/16x3/4+13/16x7/8+15/16x1"+1"x1" 1/8+1" 1/16x1" 1/4	3160	1

180 CS — SET IN DISPLAY CARTON

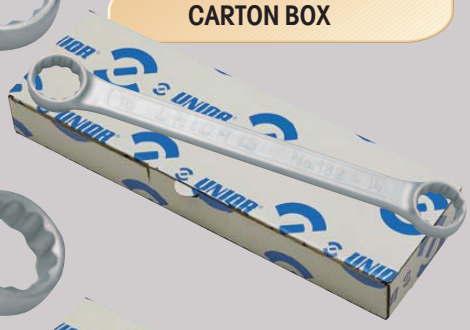
Code	SET	PCS			
602845	6-22	8	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22	1390	1

180 MS — SET ON METAL STAND

Code	SET	PCS			
605545	6-32	12	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22+21x23+24x26+25x28+27x32	4185	1

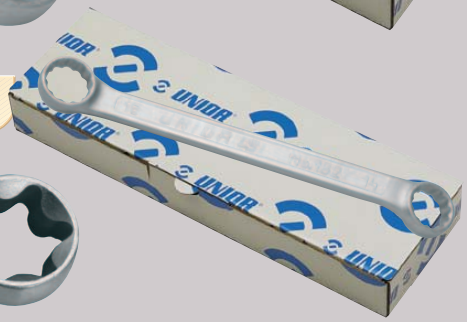
182 A

CARTON BOX



182 B

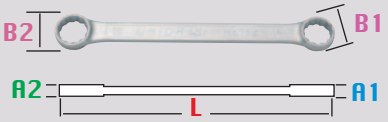
CARTON BOX



182 TX

182 A FLAT RING WRENCH

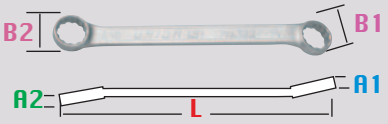
MATERIAL: CHROME VANADIUM
SURFACE FINISH: CHROME PLATED
HARDNESS ACCORDANCE TO DIN 899
WITH NEW PROFILE - OFF THE POINT DRIVE



Code		L	B1	B2	A1	A2		
612004	6X7	97	10	11,3	4,6	4,6	11	10
612005	8X9	112	12,7	14	5,6	5,6	18	10
612006	10X11	132	15,6	16,5	6,6	6,6	29	10
612007	12X13	147	18	19	7,6	7,6	42	10
612008	14X15	162	20,5	21,5	7,6	7,6	57	10
612009	16X17	172	23,2	24,2	8,6	8,6	81	10
612010	18X19	186	25,9	27,4	9,6	9,6	104	10
612011	20X22	206	28,9	31,8	11	11	150	5
612012	21X23	231	29,9	32,9	11,2	11,2	176	5
612013	24X26	258	34,8	37,3	11,5	11,5	238	5
612014	25X28	286	36	40,3	12,5	12,5	311	5
612015	27X29	298	38,8	41,8	13	13	341	5
612016	30X32	318	42,7	45,2	13,5	13,5	425	5

182 B FLAT RING WRENCH WITH OFFSET HEAD

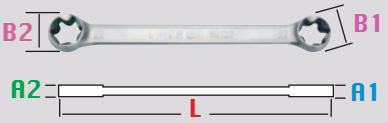
MATERIAL: CHROME VANADIUM
SURFACE FINISH: CHROME PLATED
HARDNESS ACCORDANCE TO DIN 899
WITH NEW PROFILE - OFF THE POINT DRIVE
15° ANGLE ASSURE TO SCREW THE NUT
ON DIFFICULT OF ACCES PLACES.



Code		L	B1	B2	A1	A2		
612017	6X7	97	10	11,3	4,6	4,6	11	10
612018	8X9	112	12,7	14	5,6	5,6	18	10
612019	10X11	132	15,6	16,5	6,6	6,6	29	10
612020	12X13	147	18	19	7,6	7,6	42	10
612021	14X15	162	20,5	21,5	7,6	7,6	57	10
612022	16X17	172	23,2	24,2	8,6	8,6	81	10
612023	18X19	186	25,9	27,4	9,6	9,6	104	10
612024	20X22	206	28,9	31,8	11	11	150	5
612025	21X23	231	29,9	32,9	11,2	11,2	176	5
612026	24X26	258	34,8	37,3	11,5	11,5	238	5
612027	25X28	286	36	40,3	12,5	12,5	311	5
612028	27X29	298	38,8	41,8	13	13	341	5
612029	30X32	318	42,7	45,2	13,5	13,5	425	5

182 TX FLAT RING WRENCH WITH TX PROFILE

MATERIAL: CHROME VANADIUM
SURFACE FINISH: CHROME PLATED
HARDNESS ACCORDANCE TO DIN 899
PRECISE CLING AT SCREW HEAD.



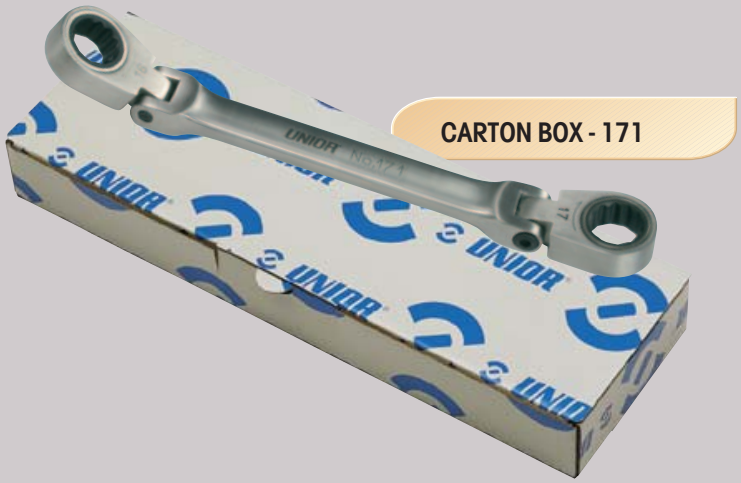
Code		L	B1	B2	A1	A2		
612030	E6x8	97	10	11,3	4,6	4,6	18	10
612031	E10x12	112	12,7	14	5,6	5,6	29	10
612032	E14x18	157	16,5	21	6,6	6,6	57	10
612033	E20x24	174	23	27,3	8,6	8,6	150	5

182 A CB SET IN CARTON BOX

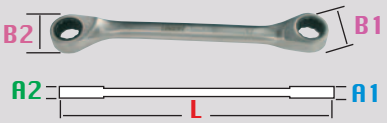
Code	SET	PCS			
612567	6-22	8	6x7,8x9,10x11,12x13,14x15, 16x17,18x19,20x22	502	1
612568	6-32	13	6x7,8x9,10x11,12x13,14x15, 16x17,18x19,20x22, 21x23,24x26,25x28, 27x29,30x32	1502	1

182 B CB SET IN CARTON BOX

Code	SET	PCS			
612569	6-22	8	6x7,8x9,10x11,12x13,14x15, 16x17,18x19,20x22	502	1
612570	6-32	13	6x7,8x9,10x11,12x13,14x15, 16x17,18x19,20x22, 21x23,24x26,25x28, 27x29,30x32	1502	1



170 FORGED RATCHET RING WRENCH



MATERIAL:
* CHROME VANADIUM, POLISHEAD HEAD
* ENTIRELY HARDENED AND TEMPERED
* THE HARDNESS IS IN ACCORDANCE WITH DIN STANDARD
* THE TORQUE OF THE WRENCH IS HIGHER FROM PRESCRIBED

Code	12	L	B1	B2	A1	A2		
611647	8x9	130	17,5	21	9	10	60	10
611648	8x10	130	17,5	21	9	10	60	10
611649	10x11	150	21	22,5	10	10	90	10
611650	10x12	160	21	25	10	10	100	10
611651	10x13	160	21	25	10	10	100	10
611652	11x13	170	22,5	25	10	10	110	10
611653	12x13	180	25	25	10	10	120	10
611654	12x14	190	25	27,5	10	10	120	10
611655	14x15	200	27,5	27,5	10	10	140	10
611656	14x17	210	27,5	30,5	10	13	200	10
611657	16x17	220	30,5	30,5	13	13	230	10
611658	16x18	230	33,5	33,5	13	13	250	10
611659	17x19	230	33,5	33,5	13	13	250	10

171 FLEXIBLE FORGED RATCHET RING WRENCH

MATERIAL:
* CHROME VANADIUM, POLISHEAD HEAD
* ENTIRELY HARDENED AND TEMPERED
* THE HARDNESS IS IN ACCORDANCE WITH DIN STANDARD
* THE TORQUE OF THE WRENCH IS HIGHER FROM PRESCRIBED

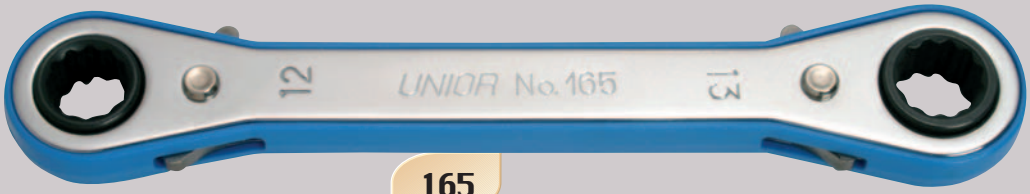
Code	12	L	B1	B2	A1	A2		
611660	8x9	160	17	20	9	10	110	10
611661	8x10	160	17	20	9	10	110	10
611662	10x11	175	20	22	10	10	132	10
611663	10x12	189	20	24	10	10	150	10
611664	10x13	189	20	24	10	10	150	10
611665	11x13	192	22	24	10	10	151	10
611666	12x13	204	24	24	10	10	190	10
611667	12x14	207	24	27	10	10	190	10
611668	14x15	211	27	27	10	10	190	10
611669	14x17	225	27	30	10	13	260	10
611670	16x17	240	30	30	13	13	300	10
611671	16x18	243	30	33	13	13	330	10
611672	17x19	243	30	33	13	13	330	10

170 CB SET IN CARTON BOX

Code	SET	PCS	12	
611959	8-19	6	8x9+10x11+12x13+14x15+16x18+17x19	1

171 CB SET IN CARTON BOX

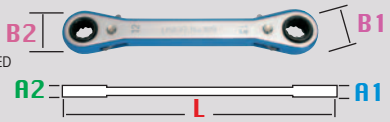
Code	SET	PCS	12	
611960	8-19	6	8x9+10x11+12x13+14x15+16x18+17x19	1



165

166

165 RATCHET RING WRENCH



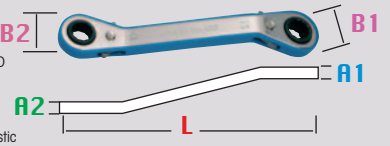
MATERIAL: RATCHET: CHROME VANADIUM
BODY: SHEET METAL, FINISH: CHROME PLATED

The casing on the wrenches is made from plastic
Hardness of the material is in accordance to DIN standard
The gap are entirely hardened and tempered

Minimum turn of angle for 20 degrees.
Thickness of the wall enable bigger accessibility

Code	12	L	B1	B2	A1	A2		
611633	6x7	116,2	20,1	20,1	11,2	11,2	60,5	10
611634	7x8	136,3	20,8	23,3	11	11	77	10
611635	8x9	136,3	20,8	23,3	11	11	76,5	10
611636	8x10	136,3	20,8	23,3	11	11	76	10
611637	10x11	143,8	23,5	26,5	11	11,1	85	10
611638	12x13	175	30,1	32,1	13,4	13	167	10
611639	12x14	175	30,1	32,1	13,4	13	167	10

166 OFFSET RATCHET RING WRENCH



MATERIAL: RATCHET: CHROME VANADIUM
BODY: SHEET METAL, FINISH: CHROME PLATED

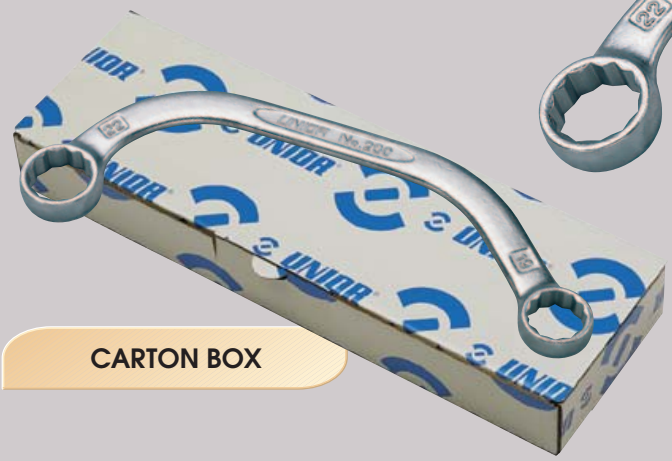
The casing on the wrenches is made from plastic
Hardness of the material is in accordance to DIN standard
The gap are entirely hardened and tempered

Slope of the head on the wrench for 25 degrees enable easier work.
Thickness of the wall enable higher accessibility

Code	12	L	B1	B2	A1	A2		
611640	6X7	111	20	20	11,2	11	60,5	10
611641	7X8	130	20,6	23	11	11,2	77	10
611642	8X9	130	20,6	23	11	11,2	76,5	10
611643	8X10	130	20,6	23	11	11,2	76	10
611644	10X11	136	23,4	26,4	11	11	85	10
611645	12X13	167	30,1	32	13	13,1	167	10
611646	12X14	167	30,1	32	13	13,1	167	10

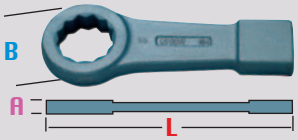
184

200



CARTON BOX

184 SLOGGING RING WRENCH



* MATERIAL : TOOL STEEL
* LACQUERED

DIN 7444

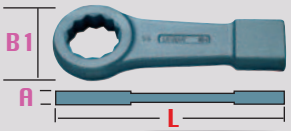
Code		L	B	A		
600659	24	180	48,6	16	536	5
600660	27	180	48,6	16	520	5
600661	30	180	48,6	16	494	5
600662	32	190	58,4	18	747	5
600663	36	190	58,4	18	712	5
600664	41	235	74,0	22	1414	1
600665	46	235	74,0	22	1380	1
600666	50	235	74,0	22	1264	1
600667	55	275	97,6	27	2770	1
600668	60	275	97,6	27	2700	1
600669	65	275	97,6	27	2610	1
600670	70	335	117	35	4800	1
602051	75	335	117	35	4558	1
602052	80	335	117	35	4390	1
602053	85	435	170	45	14300	1
602054	90	435	170	45	13700	1
602055	95	435	170	45	13000	1
602056	100	435	170	45	12800	1

200 CB SET IN CARTON BOX

Code	SET	PCS			
600677	11-22	5	11x13+13x17+14x17+ 15x16+19x22	615	1

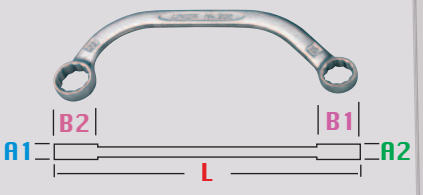
184 SLOGGING RING WRENCH, INCH SIZES

MATERIAL: TOOL STEEL
LACQUERED
INCH SIZE FROM 1" 1/16 TO 3"1/8



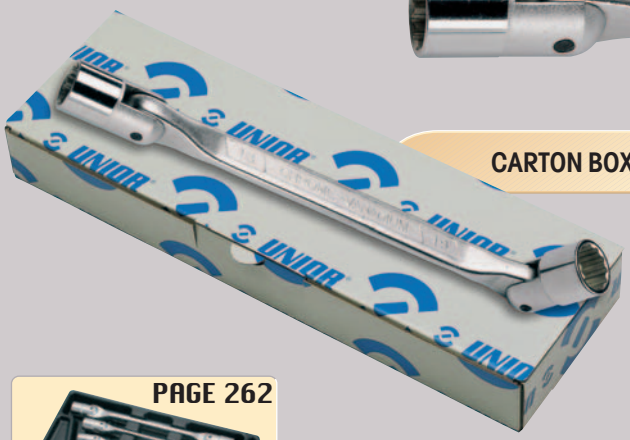
Code		L	B1	A		
610121	1 1/16	180	49	16	507	5
610122	1 1/8	180	49	16	500	5
610123	1 3/16	180	49	16	490	5
610124	1 1/4	190	58	18	743	5
610125	1 5/16	190	58	18	730	5
610126	1 3/8	190	58	18	710	5
610127	1 7/16	190	58	18	696	5
610128	1 1/2	235	74	22	1430	1
610129	1 5/8	235	74	22	1409	1
610130	1 11/16	235	74	22	1390	1
610131	1 3/4	235	74	22	1367	1
610132	1 13/16	235	74	22	1350	1
610133	1 7/8	235	74	22	1270	1
610134	2	235	74	22	1250	1
610135	2 1/16	275	98	27	2820	1
610136	2 1/8	275	98	27	2804	1
610137	2 3/16	275	98	27	2700	1
610138	2 1/4	275	98	27	2744	1
610139	2 5/16	275	98	27	2661	1
610140	2 3/8	275	98	27	2623	1
610141	2 1/2	275	98	27	2600	1
610142	2 9/16	275	98	27	2580	1
610143	2 5/8	335	117	35	4800	1
610144	2 3/4	335	117	35	4773	1
610145	2 15/16	335	118	35	4546	1
610146	3	335	118	35	4584	1
610147	3 1/8	335	118	35	4395	1

200 STARTER AND BLOCK WRENCH



* MATERIAL : CHROME VANADIUM
* CHROME PLATED

Code		L	B1	B2	A1	A2		
600671	11X13	150	16.5	19.0	7.0	8.5	58	10
600672	13X17	185	19.2	24.2	8.7	10.3	104	10
600673	14X17	185	20.5	24.2	8.7	10.3	110	10
600674	15X16	185	21.6	23.6	8.7	10.3	106	10
600675	15X17	185	21.6	24.2	8.7	10.3	106	10
600676	19X22	230	27.2	31.8	10.0	11.5	175	10



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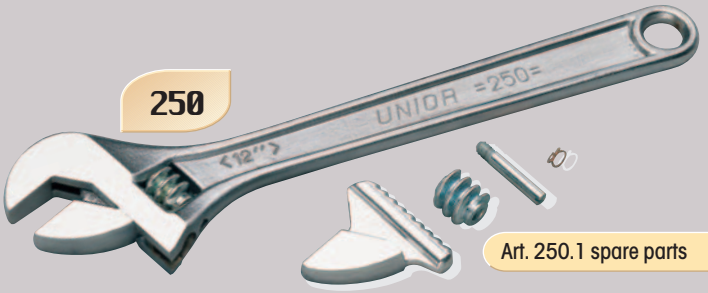


202 DOUBLE SWIVEL END SOCKET WRENCH

*MATERIAL: CHROME VANADIUM
*CHROME PLATED

Code	12	D1	D2	T1	T2	L		
609132	8x9	12	13	8	10	198	100	10
609133	8x10	12	14.6	8	13	202	104	10
609134	10x11	14.6	16	13	13	213	108	10
609135	12x13	17	18	13	13	227	162	10
609136	13x17	18	24	13	13	240	260	10
609137	14x15	20	22	13	13	243	230	10
609138	16x17	23	24	13	13	253	296	10
609139	18x19	25	25.5	13	13	277	388	5
609140	19x22	25.5	30	13	14	288	490	5
609141	20x22	28	30	14	14	292	528	5
609142	21x23	29	31	14	14	292	548	5
609143	24x27	32	36	16	18	319	764	5
609144	30x32	40	42	18	18	360	1080	5

202 CB SET IN CARTON BOX

Code	SET	PCS	12		
609145	8 - 22	7	8x9+10x11+12x13+14x15+16x17+18x19+20x22	1812	1
609146	8 - 32	10	8x9+10x11+12x13+14x15+16x17+18x19+20x22+21x23+24x27+30x32	4204	1

250 ADJUSTABLE WRENCH

*MATERIAL: CHROME VANADIUM
*CHROME PLATED
*POLISHED HEADS

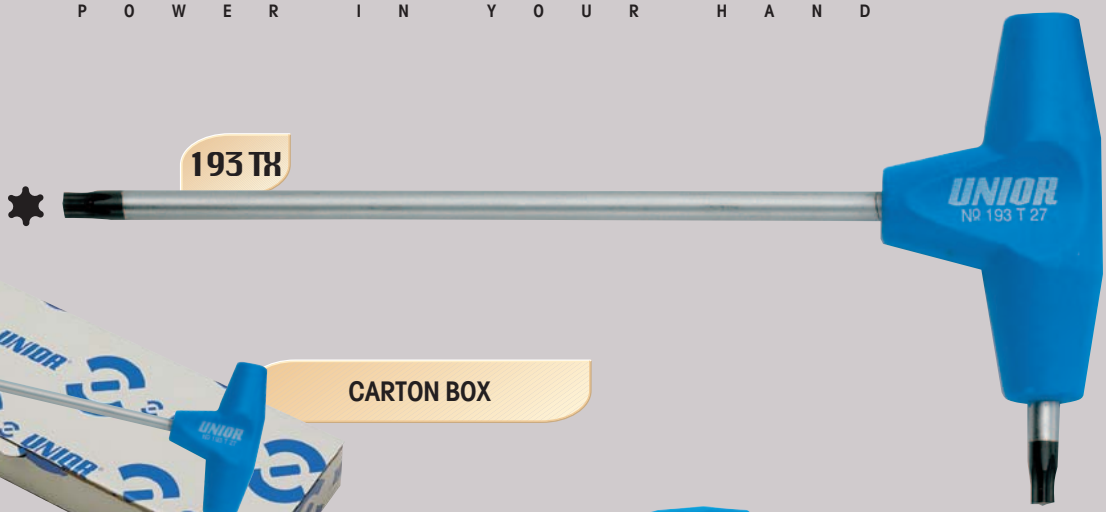
DIN 3117 ISO 6787

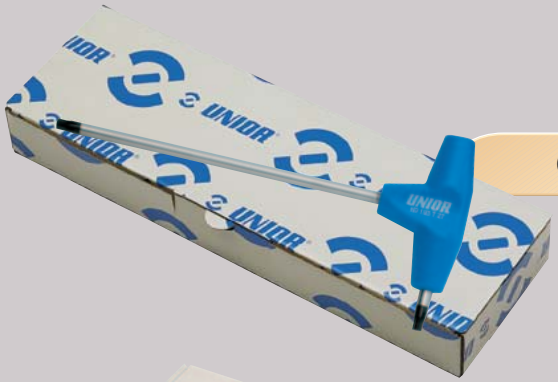
Code		L		
611917	13	100	50	10
611918	19	150	120	10
601016	24	200	220	10
601017	28	250	390	10
601018	34	300	640	10
601019	43	380	1250	5
605113	53	450	2150	1

Art. 250.1 spare parts

Code		L		
611978	SET	100	10	1
611979	SET	150	25	1
602070	SET	200	45	1
602071	SET	250	70	1
602072	SET	300	130	1
602073	SET	380	255	1
602069	SET	450	460	1

193 TX





CARTON BOX

DISPLAY CARTON

METAL STAND

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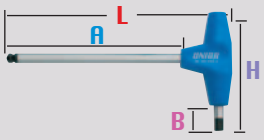
193 TX CS — SET IN DISPLAY CARTON

Code	SET	PCS	★		
607888	TX 10-45	7	10+15+20+25+30+40+45	530	1

193 TX — TX PROFILE SCREWDRIVER WITH T- HANDLE



* MATERIAL :
HANDLE – POLYPROPILEN
BLADE – CHROME VANADIUM

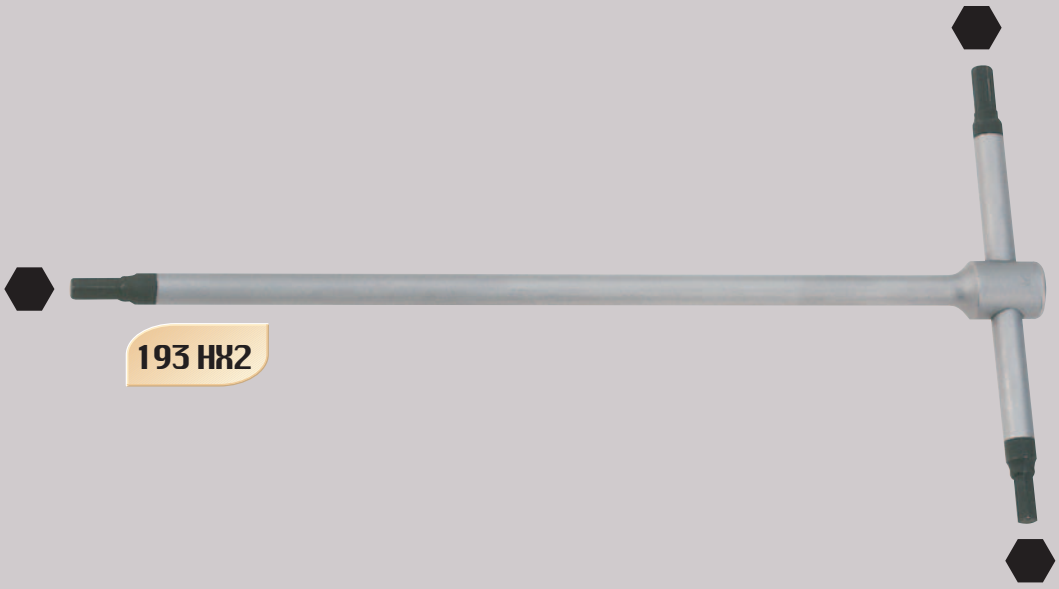
Code		A	B	L	H		
607171	6	125	15	155	61	17	10
607172	7	125	15	155	61	17	10
607173	8	125	15	155	61	17	10
607174	9	125	15	155	61	17	10
607175	10	125	15	155	61	17	10
607176	15	125	15	155	61	21	10
607177	20	125	15	155	61	25	10
607178	25	150	20	188	88	47	10
607179	27	150	20	188	88	60	10
607180	30	150	20	188	88	72	10
607181	40	175	25	223	113	119	6
607182	45	175	25	223	113	142	6

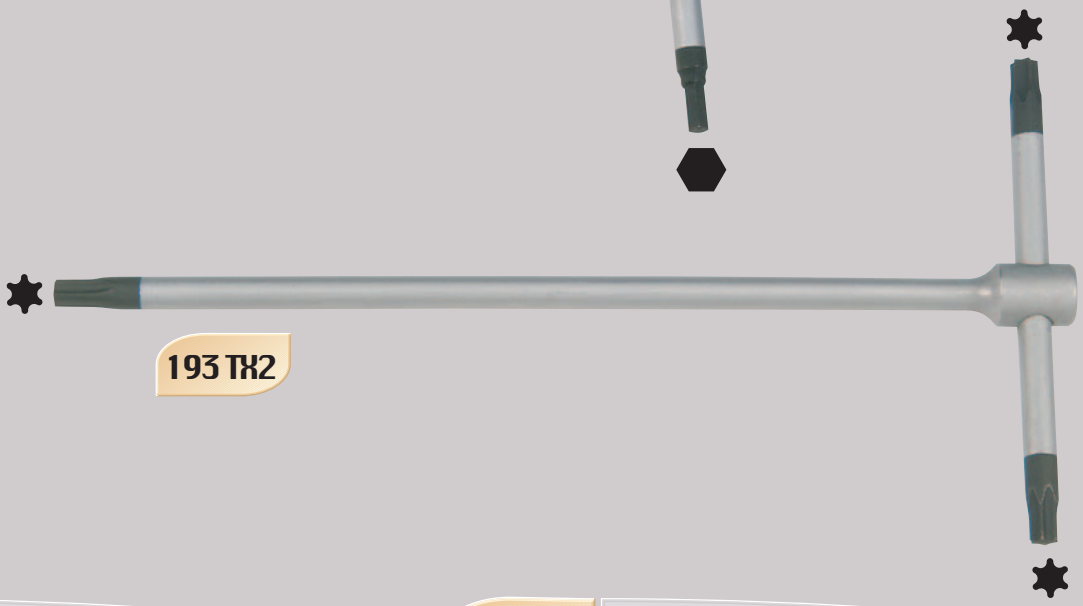
193 TX CB — SET IN CARTON BOX

Code	SET	PCS	★		
608880	TX 6-45	10	6+8+10+15+20+25+ 27+30+40+45	624	1

193 TX MS — SET ON METAL STAND

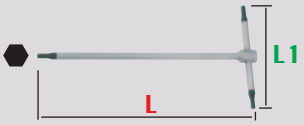
Code	SET	PCS	★		
607889	TX6-45	10	6+8+10+15+20+25+27 +30+40+45	1780	1





193 HX2 T-HANDLE WRENCH WITH THREE HEXAGONAL MALE ENDS

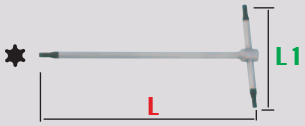
* MATERIAL : CHROME VANADIUM
* CHROME PLATED



Code	⬢	L1	L		
607978	2	62	125	30	10
607979	2,5	62	125	30	10
607980	3	75	150	35	10
607981	3,5	75	150	35	10
607982	4	90	180	42	10
607983	4,5	90	180	60	10
607984	5	90	180	60	10
607985	6	106	210	96	10
607986	7	106	210	125	10
607987	8	125	250	190	10
607988	9	140	280	265	10
607989	10	150	300	400	10
607990	12	160	320	580	10
607991	14	170	340	800	10

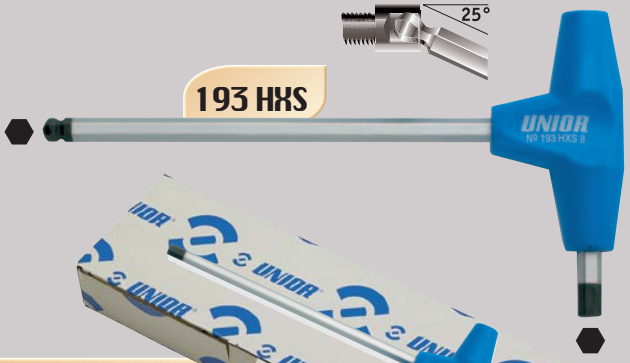
193 TX2 T-HANDLE WRENCH WITH THREE "TX" PROFILE MALE ENDS

* MATERIAL : CHROME VANADIUM
* CHROME PLATED

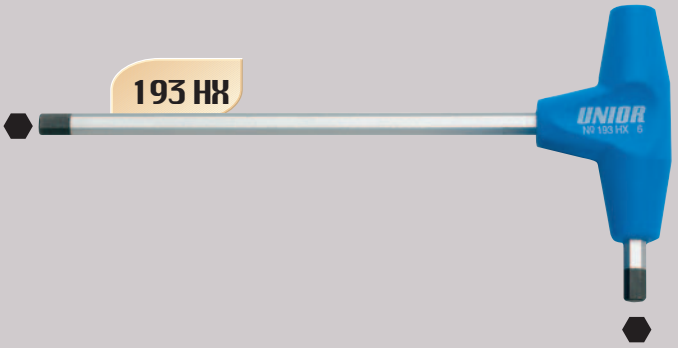


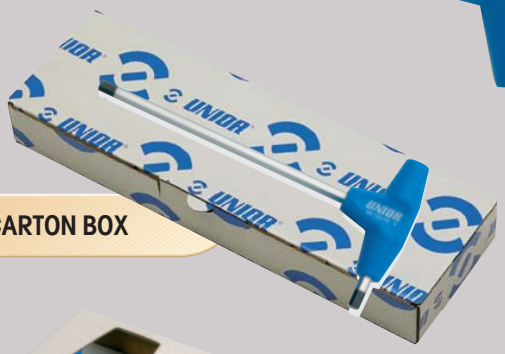
Code	✶	L1	L		
608214	6	62	125	30	10
608215	7	62	125	30	10
608216	8	62	125	30	10
608217	9	62	125	30	10
608218	10	62	125	30	10
608219	15	75	150	35	10
608220	20	90	180	42	10
608221	25	90	180	42	10
608222	27	90	180	42	10
608223	30	90	180	42	10
608224	40	106	210	96	10
608225	45	106	210	125	10
608226	50	125	250	190	10
608227	55	150	300	400	10
608228	60	160	320	580	10

193 HXS



193 HX





CARTON BOX

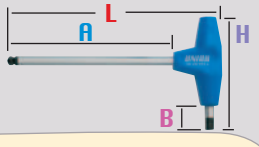
DISPLAY CARTON

PAGE 261

METAL STAND

193 HXS BALL – END HEXAGONAL SCREWDRIVER WITH T-HANDLE

* MATERIAL :
HANDLE – POLYPROPILEN
BLADE – CHROME VANADIUM



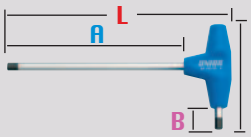
Code	⬢	A	B	H	L		
608276	2,5	125	15	61	155	14	10
608277	3	125	15	61	155	16	10
608278	4	125	15	61	155	26	10
608279	5	150	20	88	188	51	10
608280	6	150	20	88	188	67	10
608281	8	175	25	113	223	148	6
608282	10	200	25	113	248	228	6

193 HXS CS SET IN DISPLAY CARTON

Code	SET	PCS	⬢		
609337	HXS2.5-10	7	2.5+3+4+5+6+8+10	595	1

193 HX HEXAGONAL HEAD SCREWDRIVER WITH T HANDLE

* MATERIAL :
HANDLE – POLYPROPILEN
BLADE – CHROME VANADIUM



Code	⬢	A	B	L	H		
607161	2.5	125	15	155	61	15	10
607162	3	125	15	155	61	18	10
607163	3.5	125	15	155	61	22	10
607164	4	125	15	155	61	26	10
607165	4.5	150	20	188	88	50	10
607166	5	150	20	188	88	57	10
607167	6	150	20	188	88	74	10
607168	7	175	25	223	113	128	6
607169	8	175	25	223	113	155	6
607170	10	200	25	248	113	236	6

193 HX CS SET IN DISPLAY CARTON

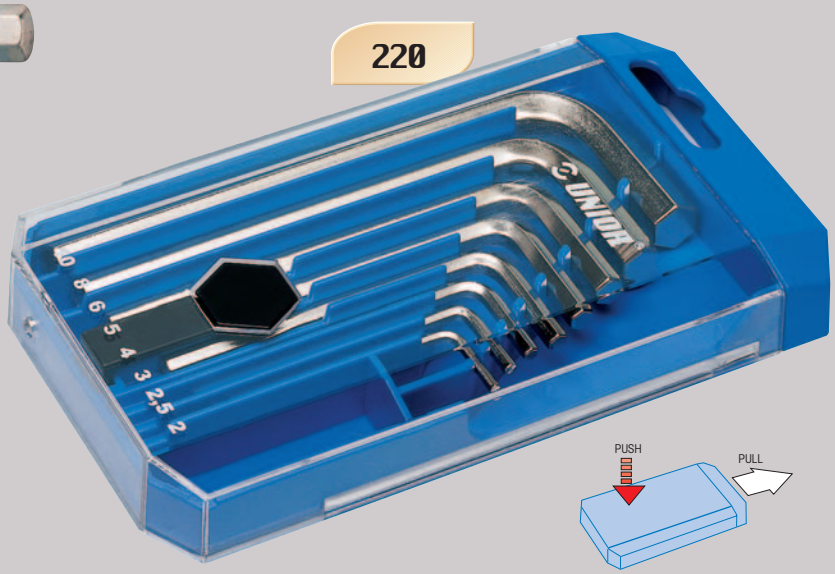
Code	SET	PCS	⬢		
607890	HX2.5-10	7	2.5+3+4+5+6+8+10	595	1

193 HX CB SET IN CARTON BOX

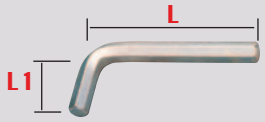
Code	SET	PCS	⬢		
608879	HX2.5-10	10	2.5+3+3.5+4+4.5+ 5+6+7+8+10	795	1

193 HX MS SET ON METAL STAND

Code	SET	PCS	⬢		
607891	HX2.5-10	10	2.5+3+3.5+4+4.5+ 5+6+7+8+10	1950	1



220 HEXAGON WRENCH



* MATERIAL : CHROME VANADIUM
* OIL HARDENED
* NICKEL PLATED

DIN ISO 2936

Code		LxL1		
607823	1.5	45x14	1	10
607824	2	50x16	2	10
607825	2,5	56x18	4	10
601036	3	65x20	5	10
601037	4	72x25	10	10
601038	5	80x28	17	10
601040	6	90x32	28	10
601041	7	95x34	44	10
601042	8	100x36	57	10
601044	10	112x40	98	10
601045	12	125x45	160	10
601046	14	140x55	256	10
601047	17	160x60	436	10
601048	19	175x70	606	10

220 PB1 SET IN PLASTIC BOX

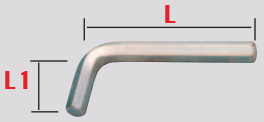
Code	SET	SET/PCS		
610914	2-10	8	200	1

CONTENTS:

Art.	
220	2,2.5,3,4,5,6,8,10

* plastic box * funktionality of the box *material of the plastic box ABS
*transparent cover * possibility of hanging

220 HEXAGON WRENCH INCH SIZE



Code		LxL1		
611905	1/16"	47x16	1	10
611906	5/64"	52x18	2	10
611907	3/32"	58x20	4	10
611908	1/8"	66x23	5	10
611909	5/32"	74x29	10	10
611910	3/16"	85x33	12	10
611911	7/32"	91x36	28	10
611912	1/4"	96x38	44	10
611913	5/16"	108x44	98	10
611914	3/8"	122x50	160	10
611915	7/16"	130x53	256	10
611916	1/2"	145x63	270	10

220 PB1 SET IN PLASTIC BOX

Code	PCS		
612161	5/64"-3/8"	200	1

CONTENTS: 5/64", 3/32", 1/8", 5/32",3/16", 1/4", 5/16", 3/8"

PLASTIC CLIP

PLASTIC WALLET

220 SET IN PLASTIC CLIP

Code	SET	PCS			
607852	1,5-10	9	1,5+2+2,5+3+4+5+6+8+10	254	1

220 PB SET IN PLASTIC WALLET

Code	SET	PCS			
601057	3-10	6	3+4+5+6+8+10	226	1
601059	3-14	8	3+4+5+6+8+10+12+14	650	1
601061	3-19	10	3+4+5+6+8+10+12+14+17+19	1685	1

220 MH SET IN METAL FOLDING HOLDER

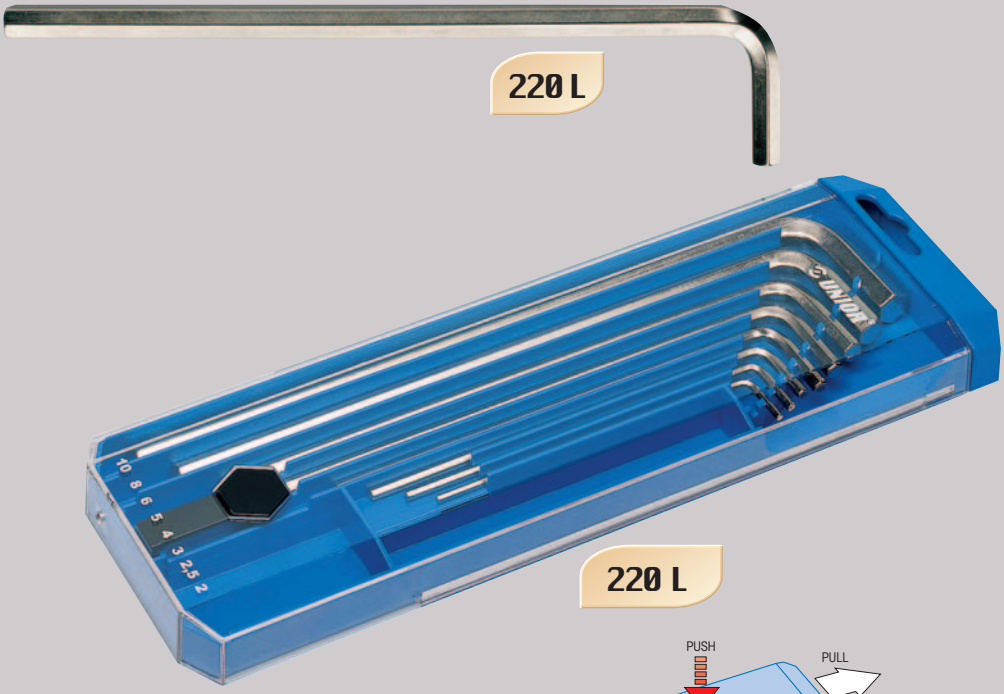
Code	SET	PCS		
610986	2,5-10	7	200	1

CONTENTS: 2.5,3,4,5,6,8,10

* confortable metal holder * set of 7 wrenches
* higher torque by 90° * high power transmission

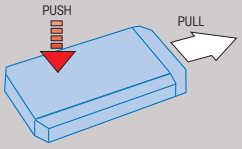
220 L

PLASTIC CLIP



220 L

220 L



220 L PB2 SET IN PLASTIC BOX

Code	SET	SET/PCS		
610915	2-10	8	400	1

CONTENTS:

Art.	
220 L	2,2.5,3,4,5,6,8,10

* plastic box * funktionality of the box *material of the plastic box ABS
* transparent cover * possibility of hanging

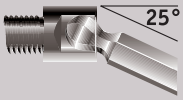
220 L HEXAGON WRENCH, LONG TYPE

* MATERIAL : CHROME VANADIUM
* OIL HARDENED
* NICKEL PLATED

Code		LxL1		
608510	1,5	90x14	2	10
608511	2	100x16	4	10
608512	2,5	112x18	6	10
608513	3	126x20	9	10
608514	4	140x25	19	10
608515	5	160x28	33	10
608516	6	180x32	54	10
608517	7	200x36	80	10
608518	8	200x36	105	10
608519	10	224x40	185	10
608520	12	250x45	295	10
608521	14	280x55	460	10
608522	17	320x63	750	10
608523	19	360x70	1100	10

220 L SET IN PLASTIC CLIP

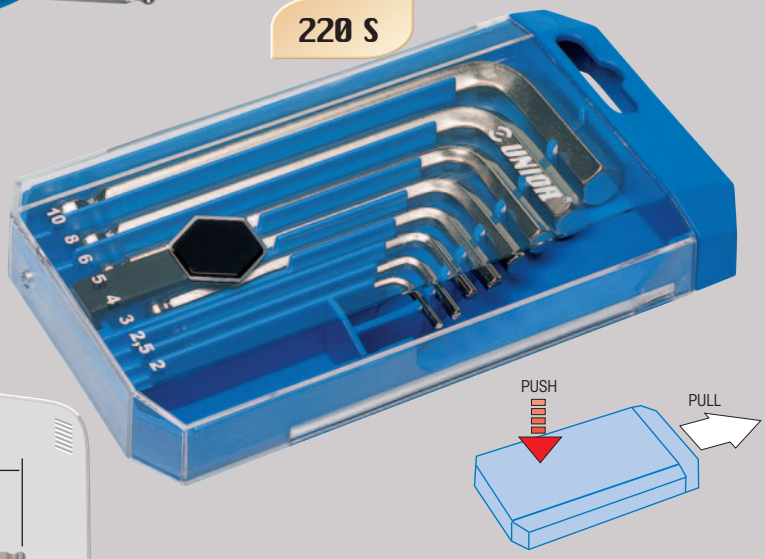
Code	SET	PCS			
608533	1,5- 10	9	1,5+2+2,5+3+4+ 5+6+8+10	417	1



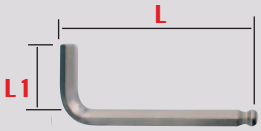
220S

PLASTIC CLIP

220 S



220 S — BALL END HEXAGON WRENCH



* MATERIAL : CHROME VANADIUM
* NICKEL PLATED

Code		LxL1		
607826	1,5	45x14	1	10
607827	2	50x16	2	10
607828	2,5	56x18	4	10
607829	3	65x20	5	10
607830	4	72x25	10	10
607831	5	80x28	18	10
607832	6	90x32	30	10
607834	8	100x36	59	10
607835	10	112x40	103	10

220 S — SET IN PLASTIC CLIP

Code	SET	PCS			
607853	1,5-10	9	1,5+2+2,5+3+4+5+6+8+10	254	1

220 S PB1 — SET IN PLASTIC BOX

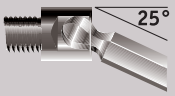
Code	SET	SET/PCS		
610916	2-10	8	200	1

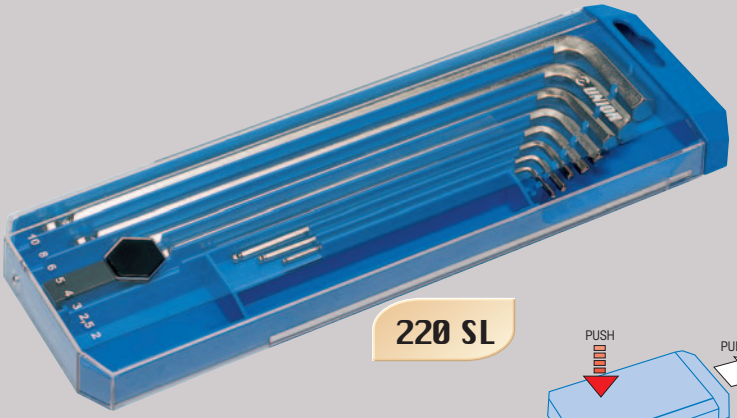
CONTENTS:

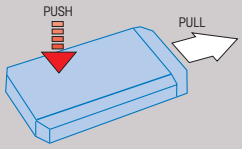
Art.	
220 S	2,2.5,3,4,5,6,8,10

* plastic box * funktionality of the box *material of the plastic box ABS
* transparent cover * possibility of hanging

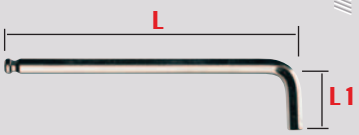
PLASTIC CLIP







220 SL — BALL END HEXAGON WRENCH



* MATERIAL : CHROME VANADIUM
* NICKEL PLATED

Code		LxL1		
608524	1,5	90x14	2	10
608525	2	100x16	4	10
608526	2,5	112x18	6	10
608527	3	126x20	9	10
608528	4	140x25	19	10
608529	5	160x28	33	10
608530	6	180x32	54	10
608531	8	200x36	105	10
608532	10	224x40	148	10

220 SL — SET IN PLASTIC CLIP

Code	SET	PCS			
608534	1,5-10	9	1,5+2+2,5+3+4+5+6+8+10	417	1

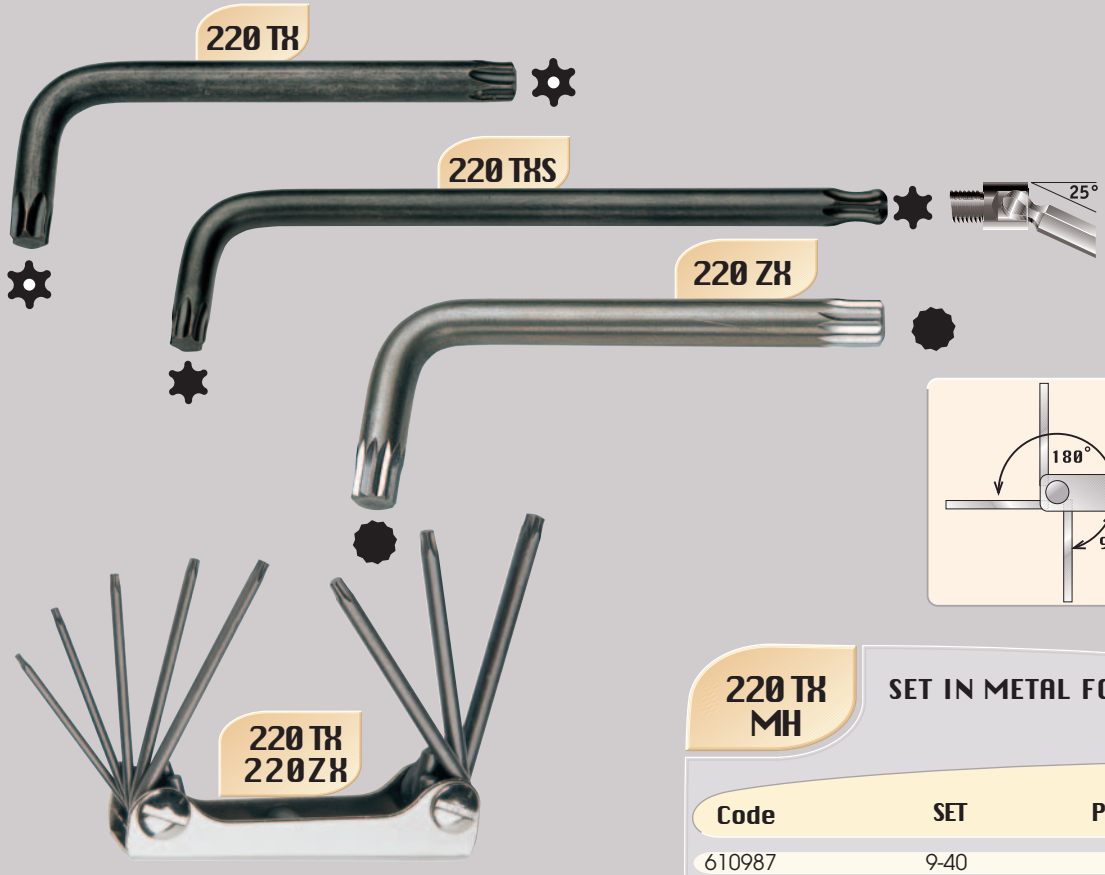
220 SL PB2 — SET IN PLASTIC BOX

Code	SET	SET/PCS		
610917	2-10	8	400	1

CONTENTS:

Art.	
220 SL	2,2.5,3,4,5,6,8,10

* plastic box * funktionality of the box *material of the plastic box ABS
* transparent cover * possibility of hanging

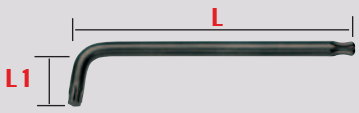


220 TX — WRENCH WITH TX PROFILE

* MATERIAL: CHROME VANADIUM
* BLACK FINISH

Code		LxL1		
609173	10	62 x 17	6	10
609174	15	72 x 17	7	10
609175	20	83 x 18	11	10
609176	25	92 x 18	16	10
609177	27	100 x 20	28	10
609178	30	105 x 24	33	10
609179	40	112 x 26	49	10

220 TXS — BALL END WRENCH WITH TX PROFILE



* MATERIAL: CHROME VANADIUM
* BLACK FINISH

Code		LxL1		
609180	10	73 x 17	5	10
609181	15	83 x 17	7	10
609182	20	94 x 18	10	10
609183	25	96 x 18	14	10
609184	27	106 x 20	22	10
609185	30	119 x 24	30	10
609186	40	132 x 26	45	10
609187	45	137 x 29	64	10
609188	50	140 x 32	88	10
609189	55	145 x 35	136	10

220 TX MH — SET IN METAL FOLDING HOLDER

Code	SET	PCS		
610987	9-40	8	200	1

CONTENTS: 9,10,15,20,25,27,30,40

* confortable metal holder * set of 8 wrenches
*higher torque by 90° * high power transmission

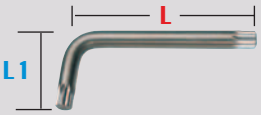
220 ZX MH — SET IN METAL FOLDING HOLDER

Code	SET	PCS		
610988	5-12	5	200	1

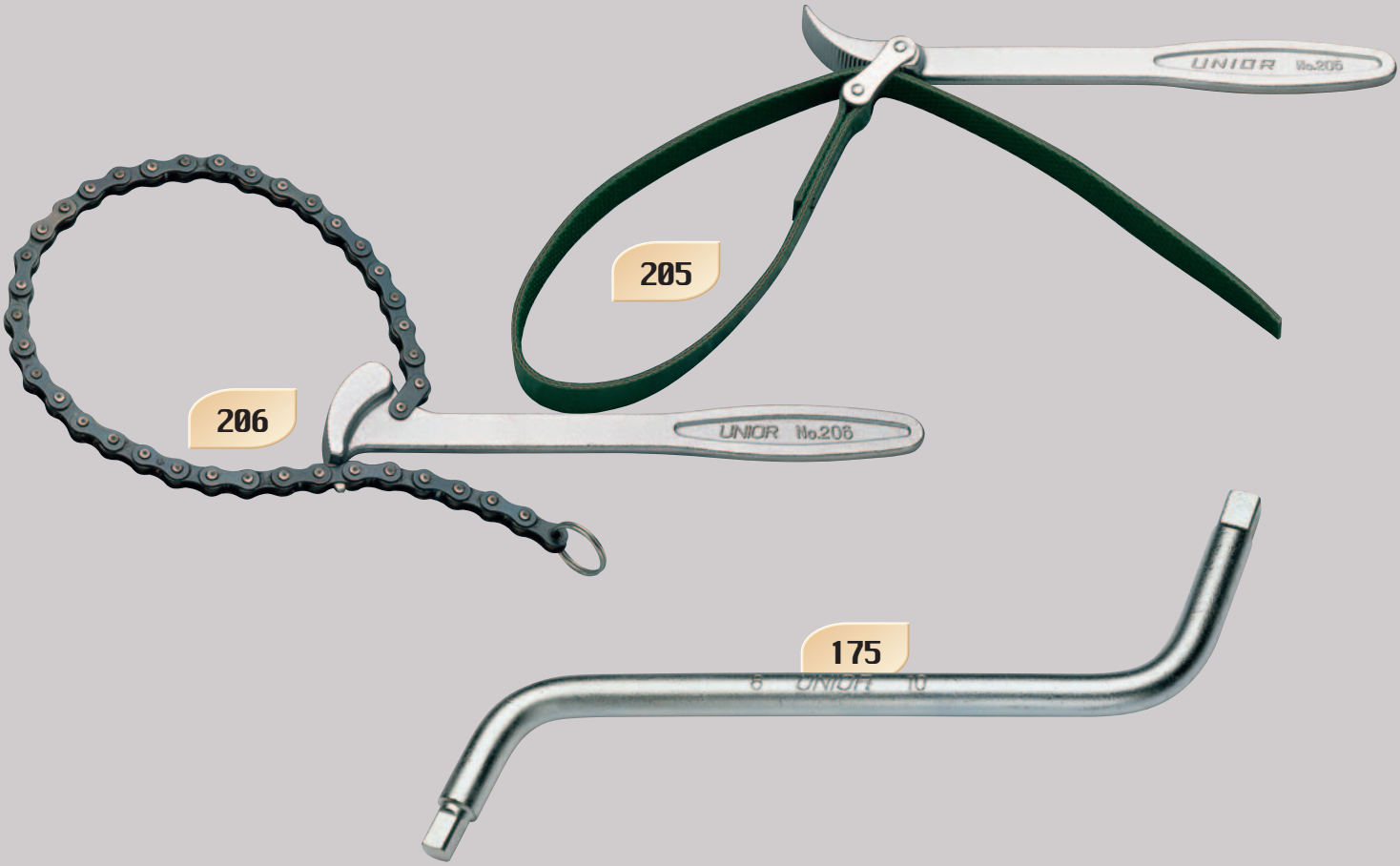
CONTENTS: M 5,6,8,10,12

*confortable metal holder * set of 5 wrenches
*higher torque by 90° *high power transmission

220 ZX — WRENCH WITH ZX PROFILE



Code		L x L1		
610918	M 5	75x30	15	10
610919	M 6	86x34	25	10
610920	M 8	98x40	50	10
610921	M 10	110x46	90	10
610922	M 12	124x52	139	10
610923	M 14	139x59	213	10
610924	M 16	156x72	319	10



205 STRAP WRENCH

* MATERIAL: CHROME VANADIUM
* CHROME PLATED

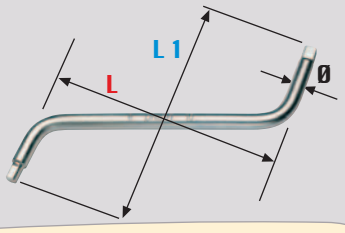
Code	L	Ø Filter		
601024	220	60 - 140	221	10

206 CHAIN WRENCH

* MATERIAL: CHROME VANADIUM
* CHROME PLATED

Code	L	Ø Filter		
601025	220	60 - 140	37	10

175 WRENCH FOR OIL DRAIN PLUGS



* MATERIAL: CHROME VANADIUM
* CHROME PLATED
* FOR RENAULT

Code		L	L 1	Ø		
605112	8x10	203	169	10	298	10

FEATURES OF UNIOR'S SOCKET AND ACCESSORIES

49	reversible ratchet 1/4"	- 188.1 A BI, 188.1A
49	socket 1/4"	188
49	spare parts for 188.1A BI	188.11
49	swivel handle 1/4"	- 188.2 BI, 188.2
50	adaptor 1/4"	188.7
50	ball end extension long 1/4"	-188.4S, short 1/4" -188.5S
50	extension bar, long 1/4"	- 188.4, short 1/4" - 188.5
50	sliding t-handle 1/4"	188.3
50	universal joint 1/4"	188.6
51	crosstip screwdriver socket 1/4"	187PH
51	hexagonal screwdriver socket 1/4"	187 HX
51	screwdriver socket with TX profile 1/4"	187 TX
51	slotted screwdriver socket 1/4"	187SL
51	socket with internal TX profile 1/4"	189
51	spiner handle 1/4"	188.8
52	socket set in metal box 1/4"	- 188 B BI, 188 BI, 188
52	socket set on metal stand 1/4"	188 MS
52	soket set in metal box 1/4"	188 C BI
53	off the point drive socket 3/8"	238
53	off the point drive socket, inch sizes 3/8"	238
53	off the point drive socket, long type 3/8"	238L
53	reversible ratchet 3/8"	238.1A BI
53	set of spare parts for 238.1A BI	238.11
54	ball end extension, long	238.4 S
54	ball end extension, short	238.5 S
54	extension bar, long	238.4
54	extension bar, short	238.5
54	offset handle 3/8"	238 3L
54	sliding t-handle	238.3
54	swivel handle	238.2 BI
55	adaptor 3/8"	238.7
55	long screwdriver socket with tx profile 3/8"	236 TXL
55	long screwdriver socket with zx profile 3/8"	236 ZXL
55	screwdriver socket with internal tx profile 3/8"	237
55	screwdriver socket with zx profile 3/8"	236 ZX
55	universal joint	238.6
56	crosstip screwdriver socket 3/8"	236 PH
56	double crosstip screwdriver socket 3/8"	236 PZ
56	hexagonal screwdriver socket 3/8"	236 HX
56	long hexagonal screwdriver socket 3/8"	236 HXL
56	screwdriver socket with tx-profile 3/8"	236 TX
56	slotted screwdriver socket	236 SL
57	socket set in metal box 3/8"	- 239 B, 239 A
57	socket set on metal stand 3/8"	238 MS
58	off the point drive socket 1/2"	190
58	off the point drive socket, inch size 1/2"	190
58	off the point drive socket, long type 1/2"	190 L
58	off the point drive socket, long type, inch size 1/2"	190 L
59	reversible ratchet 1/2"	190.1
59	reversible ratchet bi 1/2"	190.1A BI
59	set of spare parts for 190.1a bi	190.11
59	swivel handle 1/2"	190.2 BI
59	swivel handle 1/2"	190.2
60	adaptor 1/2"	190.7
60	ball end extension, long 1/2"	190.4 S
60	ball extension, short 1/2"	190.5 S
60	extension bar, long 1/2"	- 190.4, short 1/2" -190.5
60	offset handle 1/2"	190.3L
60	sliding t-handle 1/2"	190.3
60	universal joint 1/2"	190.6
61	long screwdriver socket with tx profile 1/2"	192 TXL
61	long screwdriver socket with zx profile 1/2"	192 ZXL
61	oneway ratchet 1/2"	190.9
61	replacement square 1/2"	190.10
61	screwdriver socket with internal TX profile 1/2"	191
61	screwdriver socket with zx profile 1/2"	192 ZX
62	crosstip screwdriver socket 1/2"	192 PH
62	double crosstip screwdriver socket 1/2"	192 PZ
62	hexagonal screwdriver socket 1/2"	- 192 HX, 192 HXL
62	screwdriver socket with TX profile 1/2"	192 TX
62	slotted screwdriver socket 1/2"	192 SL
63	Socket set in metal box 1/2"	- 190 BI, 190 BI12, 242 A
64	Socket set in metal box 1/2"	- 242 B, 242 C, 242 D, 242 E
65	Socket set in metal box 1/2"	190
66	Socket set in metal box 1/2"	- 240/1, 240/2, 240/3
67	Socket set on metal stand 1/2"	190 MS
68	Socket set in metal box 1/2"	- 191 set, 192 set
69	adaptor 3/4"	197.7
69	extension bar, long 3/4"	197.4
69	extension bar, short 3/4"	197.5
69	reversible ratchet 3/4"	197.1
69	sliding T - handle 3/4"	197.3
69	Socket set in metal box 3/4"	197 set
70	Off the point drive 3/4"	197
70	Off the point drive socket, long type 3/4"	197L
70	Off the point drive socket, long type, inch size 3/4"	197L
70	socket, inch sizes 3/4"	197 inch size
71	extension bar, long 1"	199.4
71	extension bar, short 1"	199.5
71	reversible ratchet 1"	199.1
71	sliding T - handle 1"	199.3
71	Socket 1"	199
71	tool set in metal box 1"	199
72	Imapact socket 3/8"	230
72	Impact accessories	230.8
72	Impact adaptor	230.7
72	Impact extension bar	230.4
72	Impact universal joint	230.6
73	impact accessories 1/2"	231.8
73	impact adaptor 1/2"	231.7
73	impact extension bar, long 1/2"	231.4
73	impact extension bar, short 1/2"	231.5
73	impact socket 1/2"	231
73	impact socket, long type 1/2"	231 L
73	impact universal joint 1/2"	231.6
74	impact accessories 3/4"	232.8
74	impact adaptor 3/4"	232.7
74	impact extension bar, long 3/4"	232.4
74	impact extension bar, short 3/4"	232.5
74	impact socket 3/4"	232
74	impact socket, long type 3/4"	232 L
74	impact universal joint 3/4"	232.6
75	extension bar, long 3/8"	186.3
75	extension bar, short 3/8"	186.2
75	reversible ratchet 3/4"	186.1
75	set of spark plug sockets with accessories 3/8"	186 set
75	spark plug socket 3/8"	186.4
76	flexible socket wrench with T - handle	- 194 A, 194
76	socket wrench with T - handle	193 N
76	Spark plug wrench	185
77	drive swivel with T-handle 1/2"	194 B2
77	drive swivel with T-handle 3/8"	194 B1
77	flexible hexagonal wrench with T-handle	194 C1
77	T-handle spark plug wrench swiveling socket	194 D1
77	T-handle spark plug wrench swiveling socket, long type	194 D1L
78	socket wrench with T - handle	- 196 A, 196
78	wheel nut wrench	212
78	wrench "AKLIMAT" for radiators	198
79	Double ended offset socket wrench	- 176, 177
79	Set of double ended offset socket wrench	-176 CB, 177 CB
80	four way rim wrench	213
80	set of tubular box wrenches	215 set
80	tubular box wrench	215
80	wheel nut wrench	210

SOCKETRY

POWER IN YOUR HAND

FEATURES OF UNIOR'S SOCKET AND ACCESSORIES

Material: chrome molybdenum

	Article	Material	Hardeness	Jaw opening	Surface finish	Torque	Finish	4-point dimension
1/2"	190	25CrMo4	DIN 899 range II (42-48 HRC)	DIN 475 range I	DIN 50967	DIN 899 range E	polished	DIN 3120 range C
3/8"	238	50CrV4	DIN 899 range II (42-48 HRC)	DIN 475 range I	DIN 50967	DIN 899 range E	polished	DIN 3120 range C
1/4"	188	50BV30	DIN 899 range II (40-44 HRC)	DIN 475 range I	DIN 50967	DIN 899 range E	sandblasted grunded	DIN 3120 range C
3/4"	197	50CrV4	DIN 899 range II (42-48 HRC)	DIN 475 range I	DIN 50967	DIN 899 range E	polished	DIN 3120 range C
1"	199	50CrV4	DIN 899 range II (42-48 HRC)	DIN 475 range I, II	DIN 50967	DIN 899 range E	polished	DIN 3120 range C

All dimensions are in mm, all weights are in g.

1/4", 3/8", 1/2"

Material: special composition for hardening and tempering

1/4"-with 40-teeth and locking system, 3/8" and1/2" with 75-teeth and locking system

3/8", 1/2", 3/4", 1"

Material: special composition for hardening and tempering

1/2"

Material: special composition for hardening and tempering

1/4", 3/8", 1/2"

Material: chrome molybdenum

1/4", 3/8", 1/2"

Material: chrome molybdenum

1/4", 3/8", 1/2", 3/4", 1"

Material: chrome vanadium

1/4", 3/8", 1/2", 3/4", 1"

Material: chrome vanadium

1/4", 3/8", 1/2"

Material: chrome vanadium

1/4", 3/8", 1/2", 3/4"

Material: chrome vanadium

1/4”

188.1A BI

188.11
SET OF SPARE PARTS FOR 188.1A BI

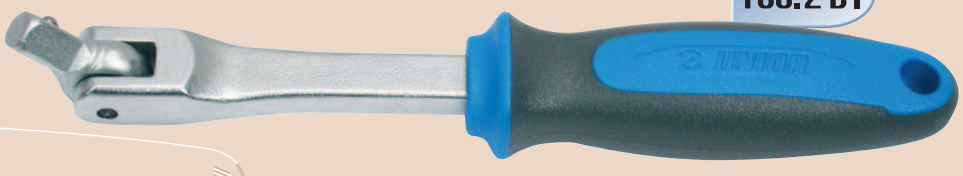
Code	pcs/set
612 503	11

188

188.1A

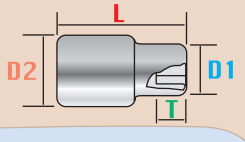
188.2

188.2 BI



188 1/4” SOCKET

1/4”



DIN 3124 ISO 2725-

Code	⬢	D1	D2	L	T		
600815	4	6,7	12	25	4	10	10
600816	4,5	7,3	12	25	4	10	10
600817	5	8,0	12	25	5	10	10
600818	5,5	8,6	12	25	5,5	11	10
600819	6	9,2	12	25	6	11	10
600820	7	11,0	12	25	6	13	10
600821	8	12,0	12	25	7,5	13	10
600822	9	12,7	13	25	7,5	16	10
600823	10	14,5	14,5	25	9	18	10
600824	11	16,0	15,5	25	10,5	19	10
603130	12	17,0	17	25	12	21	10
600825	13	18,0	18,0	25	12	24	10
603131	14	19,5	19,5	25	13	26	10

*material: chrome vanadium * chrome plated

188.1A BI REVERSIBLE RATCHET 1/4"

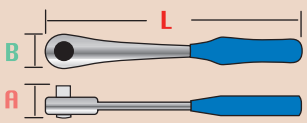
SAFETY LOCK SYSTEM
The socket is be released from ratchet with by simply pressing the button

HIGHER SPEED AND EFFECTIVNESS
Speed of work will be assured with the locking system and mechanism for releasing the socket

- new ergonomic heavy duty double component handle
- material: special composition for hardening and tempering
- with 40- teeth

1/4”

DIN 3122 type D
ISO 3315 No.257

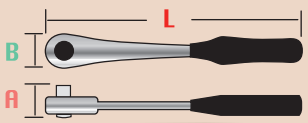


Code	A	B	L	DIN Nm		
611901	24,5	25	157	62	108	10

188.1A 1/4” REVERSIBLE RATCHET

1/4”

DIN 3122 type D
ISO 3315 No.257

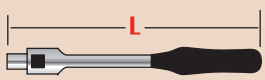


Code	A	B	L	DIN Nm		
603488	23	25	146	62	110	10

188.2 1/4” SWIVEL HANDLE

1/4”

DIN 3122 type F
ISO 3315 No.252



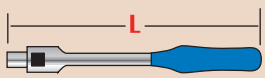
Code	L	DIN Nm		
600829	141	62	73	10

188.2 BI 1/4” SWIVEL HANDLE

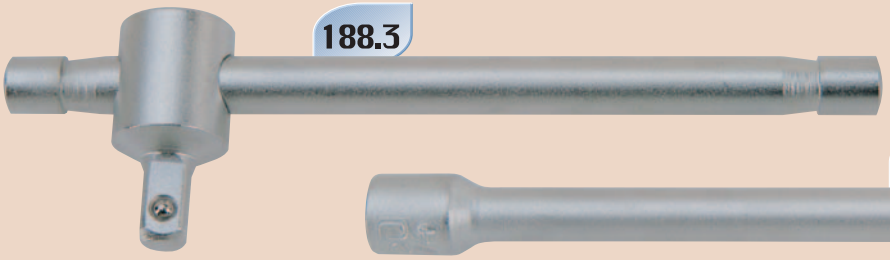
Material: Chrome molybdenum
new ergonomic heavy duty double component handle

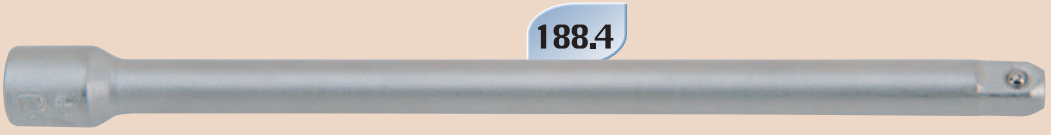
1/4”

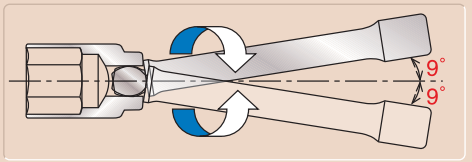
DIN 3122 type F
ISO 3315 No.252

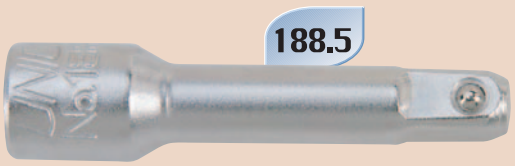


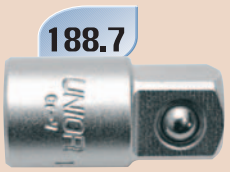
Code	L	DIN Nm		
611902	150	62	73	10











188.4 S 1/4" BALL END EXTENSION, LONG

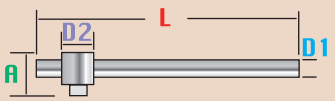
1/4"

Code	D	L		
610910	12	150	60	10

188.3 1/4" SLIDING T – HANDLE

1/4"

DIN 3122 type A
ISO 3315 No.253



Code	A	D1	D2	L	DIN Nm		
600830	30	8	16	120	55	70	10

188.5 S 1/4" BALL END EXTENSION, SHORT

1/4"

Code	D	L		
610911	12	50	23	10

188.5 1/4" EXTENSION BAR, SHORT

1/4"

DIN 3123 type B
ISO 3316 No.204

Code	D	L	DIN Nm		
600826	12	50	62	23	10

188.4 1/4" EXTENSION BAR, LONG

1/4"

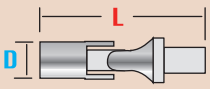
DIN 3123 type B
ISO 3316 No.204

Code	D	L	DIN Nm		
600827	12	150	62	60	10

188.6 1/4" UNIVERSAL JOINT

1/4"

DIN 3123 type C
ISO 3316 No.205

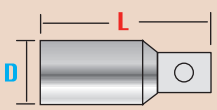


Code	D	L	DIN Nm		
607821	14	41	34	30	10

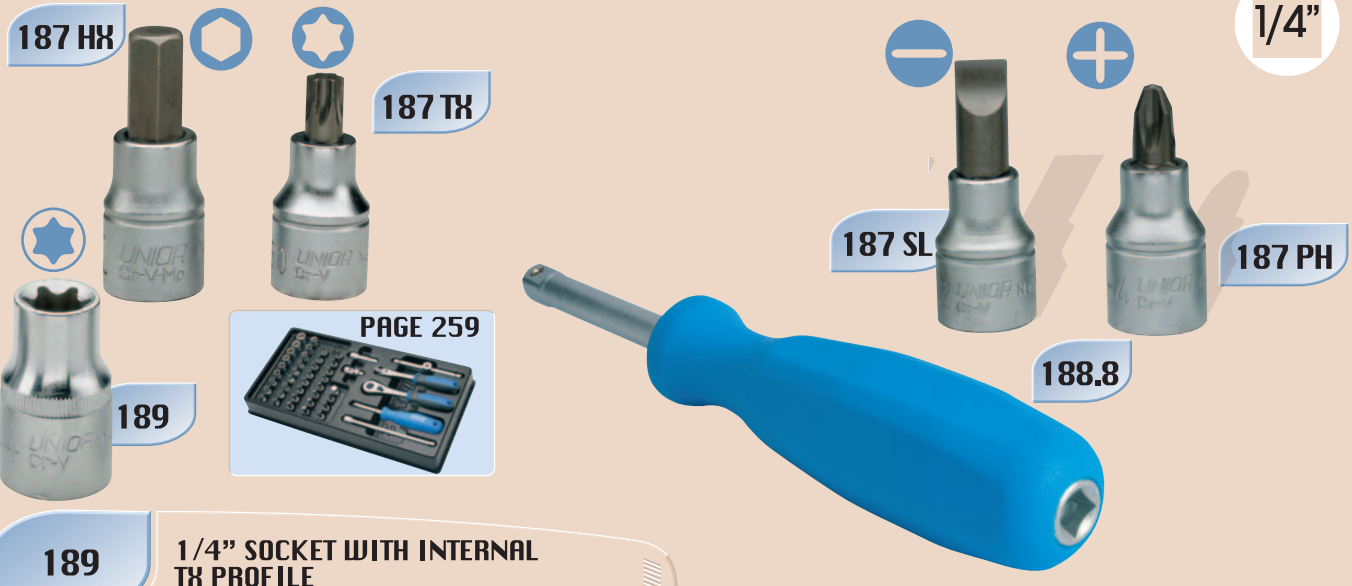
188.7 1/4" ADAPTOR

1/4"

DIN 3123 type A

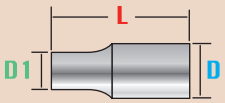


Code		D	L	DIN Nm		
607976	1/4"-3/8"	12	35	62	15	10



189 1/4" SOCKET WITH INTERNAL TX PROFILE

1/4"



Code		D	D1	L		
607911	E 4	12	5,4	25	9,6	10
607912	E 5	12	6,7	25	9,8	10
607913	E 6	12	7,7	25	10,8	10
607914	E 7	12	8,3	25	11,4	10
607915	E 8	12	10,1	25	11,8	10
607916	E 10	12	11,3	25	16,2	10
607917	E 11	12	12,9	25	15,4	10

* material:socket: chrome vanadium * chrome plated

188.8 1/4" SPINNER HANDLE

1/4"

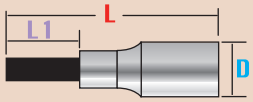
DIN 3122 type E
ISO 3315 No.251

Code	L	DIN Nm		
607349	150	10	100	10

* material: blade - chrome vanadium, handle - polypropylen

187 HX 1/4" HEXAGONAL SCREWDRIVER SOCKET

1/4"

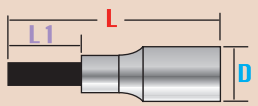


Code		D	L	L1		
607898	3	12	32	12.6	14	10
607899	4	12	32	12.6	14	10
607900	5	12	32	12.6	14	10
607901	6	12	32	12.6	15	10
607902	7	12	32	12.6	16	10

* material:socket: chrome molybdenum * bit: special tool steel * chrome plated

187 TX 1/4" SCREWDRIVER SOCKET WITH TX PROFILE

1/4"

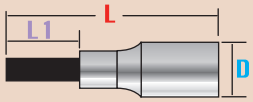


Code		D	L	L1		
607903	TX 8	12	32	12.6	13	10
607904	T X10	12	32	12.6	13	10
607905	TX 15	12	32	12.6	13	10
607906	TX 20	12	32	12.6	13	10
607907	TX 25	12	32	12.6	14	10
607908	TX 27	12	32	12.6	14	10
607909	TX 30	12	32	12.6	14	10
607910	TX 40	12	32	12.6	15	10

* material:socket: chrome molybdenum * bit: special tool steel * chrome plated

187 SL 1/4" SLOTTED SCREWDRIVER SOCKET

1/4"

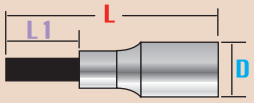


Code			D	L	L1		
607895	0,8	4,0	12	32	12.6	14	10
607896	1,0	5,5	12	32	12.6	14	10
607897	1,2	7,0	12	32	12.6	14	10

* material:socket: chrome molybdenum * bit: special tool steel * chrome plated

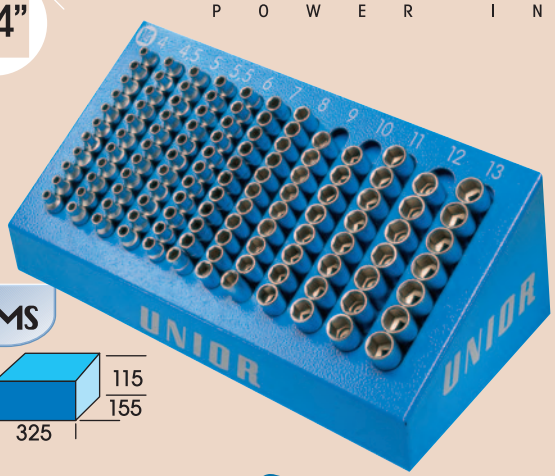
187 PH 1/4" CROSSTIP SCREWDRIVER SOCKET

1/4"



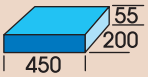
Code		D	L	L1		
607892	PH 1	12	32	12.6	12	10
607893	PH 2	12	32	12.6	12	10
607894	PH 3	12	32	12.6	14	10

* material:socket: chrome molybdenum * bit: special tool steel * chrome plated

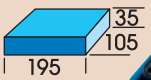


188 MS

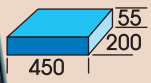
188 C BI



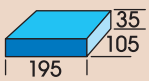
188



188 B BI



188 BI



188 MS — 1/4” SOCKET SET ON METAL STAND

Code	SET/PCS		
610566	116	2715	1

CONTENTS:

Art.	mm (pcs in set)
188	4(11)+4,5(11)+5(11)+5,5(11)+6(11)+7(11)+8(11)+9(9)+10(8)+11(8)+12(7)+13(7)

188 — 1/4” SOCKET SET IN METAL BOX

Code	SET	pcs			
600831	4-13	16	4+4,5+5+5,5+6+7+8+9+10+11+13+188.1A+188.2+188.3+188.4+188.5	930	1

188 BI — 1/4” SOCKET SET IN METAL BOX

Code	SET	pcs			
611996	4-13	16	4+4,5+5+5,5+6+7+8+9+10+11+13+188.1ABI+188.2BI+188.3+188.4+188.5	937	1

188 B BI — 1/4” SOCKET SET IN METAL BOX

Code	SET/pcs			
611947	44	188(4+4,5+5+5,5+6+7+8+9+10+11+12+13+14) 187 HX(3+4+5+6+7) 187 TX(8+10+15+20+25+27+30+40)+ 187 PH(1+2+3)+187SL(0,8X4,0+1,0+5,5+1,2X7,0)+ 189 E(4+5+6+7+8+10+11)+ 1881A BI+188.3+188.4+188.5+188.6	3300	1

188 C BI — 1/4” SOCKET SET IN METAL BOX

Code	SET/pcs			
611948	33	188(4+4,5+5+5,5+6+7+8+9+10+11+12+13+14) 188.1ABI+188.3+188.4+ 188.5+188.6+187HX(3+4+5+6+7)+ 187TX (TX8,TX10,TX15,TX25,TX27,TX30,TX40) 187PH(PH1,PH2,PH3)	3000	1

238.1A BI

238

238.11
SET OF SPARE PARTS FOR 238.1A BI

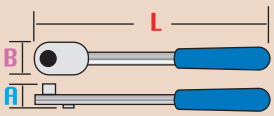
Code	pcs/set
612 505	8

238 L

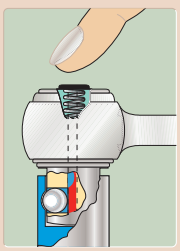
238.1A BI 3/8" REVERSIBLE RATCHET

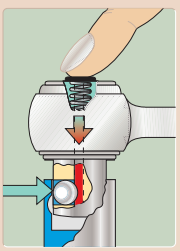
3/8"

DIN 3122 type D
ISO 3315 No.257



Code	A	B	L	DIN Nm		
612501	30	35	200	202	258	10





SAFETY LOCK SYSTEM
The socket is be released from ratchet with by simply pressing the button

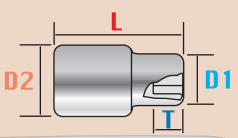
HIGHER SPEED AND EFFECTIVNESS
Speed of work will be assured with the locking system and mechanism for releasing the socket

- new ergonomic heavy duty double component handle
- material: special composition for hardening and tempering
- with 75- teeth

238 3/8" OFF THE POINT DRIVE SOCKET

3/8" - chrome plated - polished

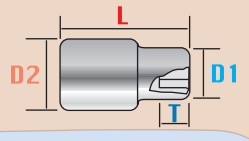
DIN 3124 ISO 2725



Code	⬢	D1	D2	L	T		
605322	6	9,5	16,8	28	9,3	21	10
605323	7	10,7	16,8	28	10,2	21	10
605324	8	12,2	16,9	28	11,1	21	10
605325	9	13,5	16,7	28	9,8	22	10
605326	10	14,8	16,8	28	10,0	24	10
605327	11	15,7	16,7	28	10,4	24	10
605328	12	16,7	16,8	28	9,9	26	10
605329	13	17,7	17,8	28	10,5	30	10
605330	14	19,6	19,7	28	10,6	36	10
605331	15	21,8	21,8	28	15,5	39	10
605332	16	21,6	21,7	28	13,3	44	10
605333	17	23,8	23,9	28	15,9	52	10
605334	18	25,3	21,2	32	17,3	52	10
605335	19	25,3	21,8	32	17,9	54	10
605336	20	27,7	22,9	32	16,9	68	10
605337	21	27,8	24,2	32	17,6	68	10
605338	22	29,6	26,9	32	18,4	82	10

238 3/8" OFF THE POINT DRIVE SOCKET, inch sizes

3/8" - chrome plated

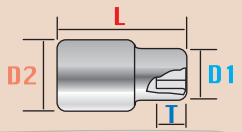


Code	"	D1	D2	L	T		
612051	3/8	14,5	16,75	28	8	25	10
612052	7/16	15,7	16,75	28	8	25	10
612053	1/2	17,75	17,75	28	8	27	10
612054	9/16	19,55	19,55	28	12	34	10
612055	5/8	21,75	21,75	30	12	43	10
612056	11/16	23,3	23,3	30	12	54	10
612057	3/4	25,7	23	30	14	68	10
612058	13/16	27,7	25	32	14	83	10
612059	7/8	29,5	26	32	14	97	10

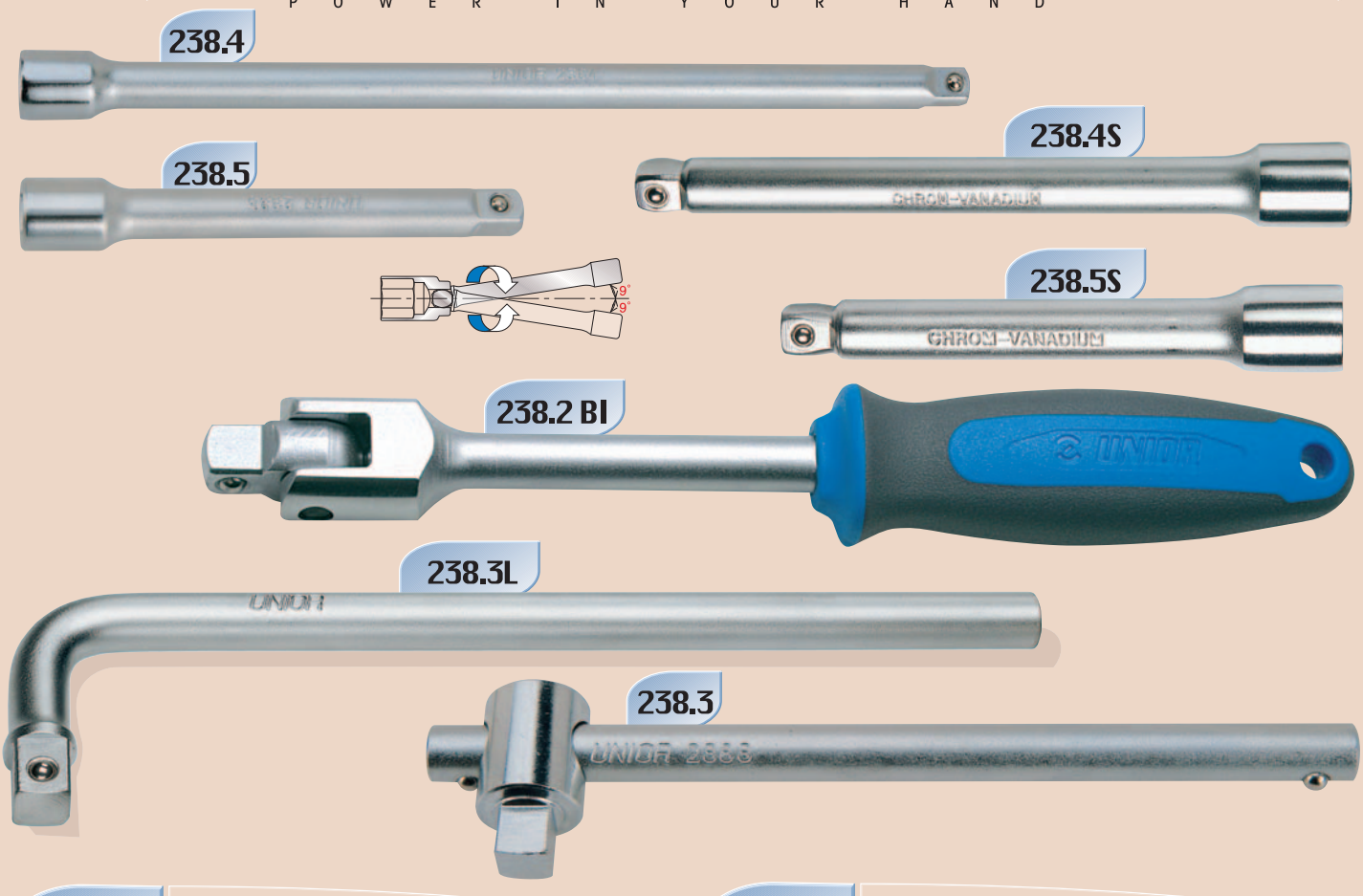
238L 3/8"OFF THE POINT DRIVE SOCKET, LONG TYPE

3/8" - chrome plated

DIN 3124 ISO 2725



Code	"	D1	D2	L	T		
612036	8	11,8	16,8	63	9	51	10
612037	9	13,2	16,8	63	9	53	10
612038	10	14,5	16,8	63	9	56	10
612039	11	15,7	16,8	63	12	62	10
612040	12	16,8	16	63	12	70	10
612041	13	17,8	16,5	63	12	76	10
612042	14	19,55	17	63	15	86	10
612043	15	20,75	18	63	15	111	10
612044	16	21,75	19	63	15	102	10
612045	17	23,3	20	63	15	122	10
612046	18	24,5	21	63	18	153	10
612047	19	25,7	23	63	18	142	10
612048	20	27	24	63	18	162	10
612049	21	27,7	25	63	18	160	10
612050	22	29,5	26	63	21	195	10



238.4 3/8" EXTENSION BAR, LONG

3/8"

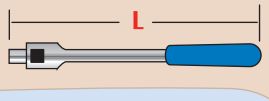
DIN 3123 typeB
ISO 3316 No.204

Code	D	L	DIN Nm		
605342	18	250	202	235	10

238.2 3/8" SWIVEL HANDLE

3/8"

DIN 3122 type F
ISO 3315 No.252



Code	L	DIN Nm		
612502	210	202	188	10

238.5 3/8" EXTENSION BAR, SHORT

3/8"

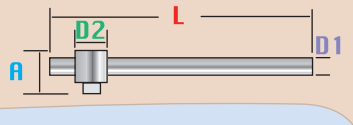
DIN 3123 type B
ISO 3316 No.204

Code	D	L	DIN Nm		
605343	18	125	202	120	10

238.3 3/8" SLIDING T – HANDLE

3/8"

DIN 3122 type A
ISO 3315 No.253



Code	A	D1	D2	L	DIN Nm		
605341	34	12	19	165	180	150	10

238.4 S 3/8" BALL END EXTENSION, LONG

3/8"

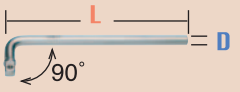
Code	D	L		
610912	18	250	235	10

238.5 S 3/8" BALL END EXTENSION, SHORT

3/8"

Code	D	L		
610913	18	125	125	10

238.3 L OFFSET HANDLE 3/8"

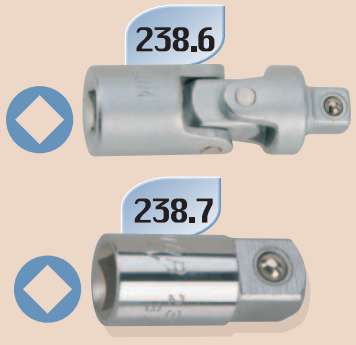


3/8"

Code	D	L		
611962	10	200	235	10

- material: chrome vanadium
- finish: chrome plated

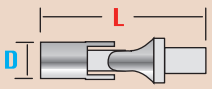
3/8”



238.6 3/8" UNIVERSAL JOINT

3/8”

DIN 3123 type C
ISO 3316 No.205

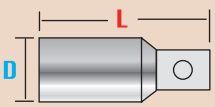


Code	D	L	DIN Nm		
605344	18	54.5	112	60	10

238.7 3/8" ADAPTOR

3/8”

DIN 3123 type A
ISO 3316 No.203



Code		D	L	DIN Nm		
607977	3/8”-1/4”	18	32	32	33	10
605345	3/8”-1/2”	17.2	38	202	48	10

237 3/8" SCREWDRIVER SOCKET WITH INTERNAL TX PROFILE

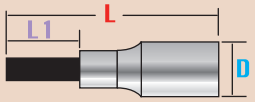
3/8”

Code		D	D1	L	L1		
612121	E 8	16,8	12	28	11	25	10
612122	E 10	16,8	13,5	28	11	27	10
612123	E 11	16,8	14	28	11	25	10
612124	E 12	16,8	15	28	11	27	10
612125	E 14	17,8	17	28	11	32	10
612126	E 16	19,8	19	28	11	42	10

- material: socket: chrome molybdenum

236 TXL 3/8" LONG SCREWDRIVER SOCKET WITH TX PROFILE

3/8”

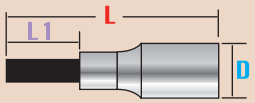


Code	Dim	D	L	L1		
612107	15	18	92	66	43	10
612108	20	18	92	66	44	10
612109	25	18	92	66	44	10
612110	27	18	92	66	44	10
612111	30	18	92	66	44	10
612112	40	18	92	66	45	10

- material: socket: chrome molybdenum, bit: special tool steel - finish: chrome plated

236 ZXL 3/8" LONG SCREWDRIVER SOCKET WITH ZX PROFILE

3/8”

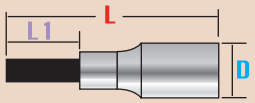


Code		D	L	L1		
612117	M6	18	92	66	46	10
612118	M8	18	92	66	50	10
612119	M10	18	92	66	60	10

- material: socket: chrome molybdenum, bit: special tool steel - finish: chrome plated

236 ZX 3/8" SCREWDRIVER SOCKET WITH ZX PROFILE

3/8”



Code		D	L	L1		
612113	M5	18	48	22	32	10
612114	M6	18	48	22	34	10
612115	M8	18	48	22	41	10
612116	M10	18	48	22	49	10

- material: socket: chrome molybdenum, bit: special tool steel - finish: chrome plated

236 HX

236 SL

236 PH

236 TX

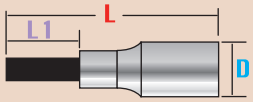
236 PZ

236 HXL

3/8”

236 HX — 3/8" HEXAGONAL SCREWDRIVER SOCKET

3/8”

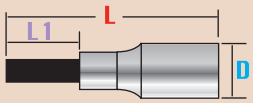


Code	⬡	D	L	L1		
612082	4	18	48	22	32	10
612083	5	18	48	22	34	10
612084	6	18	48	22	36	10
612085	8	18	48	22	40	10
612086	10	18	48	22	51	10

- material: socket: chrome molybdenum, bit: special tool steel - finish: chrome plated

236 HXL — 3/8" LONG HEXAGONAL SCREWDRIVER SOCKET

3/8”

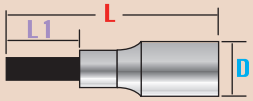


Code	⬡	D	L	L1		
612087	4	18	92	66	44	10
612088	5	18	92	66	45	10
612089	6	18	92	66	46	10
612090	8	18	92	66	50	10
612091	10	18	92	66	62	10

- material: socket: chrome molybdenum, bit: special tool steel - finish: chrome plated

236 PH — 3/8" CROSSTIP SCREWDRIVER SOCKET

3/8”

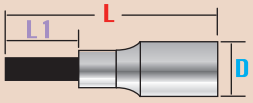


Code	✚	D	L	L1		
612092	1	18	48	22	33	10
612093	2	18	48	22	34	10
612094	3	18	48	22	34	10

- material: socket: chrome molybdenum, bit: special tool steel - finish: chrome plated

236 PZ — 3/8" DOUBLE CROSSTIP SCREWDRIVER SOCKET

3/8”

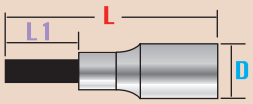


Code	✚	D	L	L1		
612095	1	18	48	22	33	10
612096	2	18	48	22	34	10
612097	3	18	48	22	34	10

- material: socket: chrome molybdenum, bit: special tool steel - finish: chrome plated

236 SL — 3/8" SLOTTED SCREWDRIVER SOCKET

3/8”

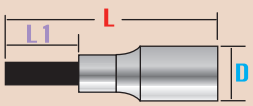


Code	—	D	L	L1		
612098	5,5	18	48	22	34	10
612099	1,2x8	18	48	22	38	10
612100	10	18	48	22	50	10

- material: socket: chrome molybdenum, bit: special tool steel - finish: chrome plated

236 TX — 3/8" SCREWDRIVER SOCKET WITH TX PROFILE

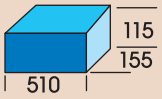
3/8”



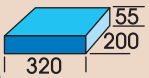
Code	✶	D	L	L1		
612101	15	18	48	22	32	10
612102	20	18	48	22	32	10
612103	25	18	48	22	33	10
612104	27	18	48	22	33	10
612105	30	18	48	22	34	10
612106	40	18	48	22	35	10

- material: socket: chrome molybdenum, bit: special tool steel - finish: chrome plated

238 MS



239 A



239 A — 3/8" SOCKET SET IN METAL BOX

Code	SET/pcs				
612509	6-22	24	238 (6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22)+238.1A BI+238.2BI+238.3+238.4+238.5+238.6+238.7	3870	1

239 B — 3/8" SOCKET SET IN METAL BOX

Code	SET	pcs			
612510	3/8"-7/8"	16	238 (3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8) 238.1A BI+238.2BI+238.3+238.4+238.5+238.6+238.7	3870	1

238 MS — 3/8" SOCKET SET ON METAL STAND

Code	SET/PCS		
610565	100	5254	1

CONTENTS:

Art.	mm (pcs in set)
238	**6**(7)+**7**(7)+**8**(7)+**9**(7)+**10**(7)+**11**(7)+**12**(7)+**13**(7)+**14**(6)+**15**(6)+**16**(5)+**17**(5)+**18**(5)+**19**(5)+**20**(4)+**21**(4)+**22**(4)

1/2”

190

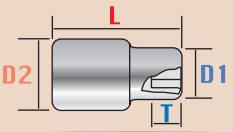
190

190 L

190 1/2” OFF THE POINT DRIVE SOCKET

1/2”

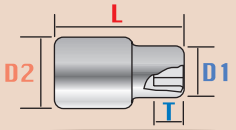
DIN 3124
ISO 2725-1



Code	Code 12		D1	D2	L	T		
605307		8	13,2	22,9	38	12	51	10
610155		9	13,9	22,9	38	12	51	10
600851	603812	10	15,0	22,9	38	12	56	10
600852	603813	11	16,3	22,9	38	12	58	10
600853	603814	12	17,9	22,9	38	12	58	10
600854	603815	13	18,8	22,9	38	12	59	10
600855	603816	14	19,7	22,9	38	12	60	10
600856	603817	15	20,4	22,9	38	12	63	10
600857	603818	16	22,9	21,5	38	12	63	10
600858	603819	17	24,3	22,0	38	12	78	10
600859	603820	18	25,5	23,0	38	12	89	10
600860	603821	19	26,8	24,0	38	14	98	10
600861	603822	20	28,1	24,0	38	14	112	10
600862	603823	21	29,3	25,0	38	14	123	10
600863	603824	22	30,4	25,0	38	14	137	10
600864	603825	23	31,7	26,0	40	14	142	10
600865	603826	24	33,1	28,0	42	16	158	10
600866		25	34,2	29,0	42	16	122	10
600867		26	35,3	30,0	42	16	121	10
600868	603827	27	37,0	30,0	43	18	176	10
600869		28	38,0	31,0	43	20	180	10
610156		29	39,0	32,0	43	20	185	10
600871	603828	30	40,7	34,0	46	22	191	10
600872	603829	32	43,2	36,0	46	22	202	10

190 1/2” OFF THE POINT DRIVE SOCKET, inch size

1/2”

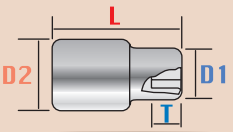


Code		12“	D1	D2	L	T		
610105		5/16	13,2	22,9	38	12	53	10
609366	609366	3/8	15,0	22,9	38	12	54	10
609367	609367	7/16	16,3	22,9	38	12	54	10
609368	609368	1/2	18,8	22,9	38	12	59	10
609369	609369	9/16	20,4	22,9	38	12	61	10
609570	609370	19/32	20,4	20,7	38	12	61	10
609571	609371	5/8	22,9	21,5	38	12	61	10
609372	609372	11/16	25,5	23,0	38	12	87	10
609373	609373	3/4	26,8	24,0	38	14	95	10
609374	609374	25/32	27,9	24,0	38	14	62	10
609375	609375	13/16	29,3	25,0	38	14	122	10
609376	609376	7/8	31,7	26,0	40	14	146	10
609377	609377	15/16	33,1	28,0	42	16	160	10
609378	609378	1	35,3	30,0	42	16	183	10
609379	609379	1 1/16	37,0	30,0	43	18	191	10
609380	609380	1 1/8	39,0	32,0	43	20	203	10
609381	609381	1 3/16	40,7	34,0	46	22	244	10
609382	609382	1 1/4	43,2	36,0	46	22	275	10

190 L 1/2” OFF THE POINT DRIVE SOCKET, LONG TYPE

1/2”

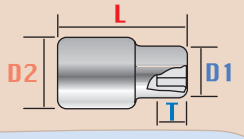
DIN 3124
ISO 2725-1



Code	12	D1	D2	L	T		
610762	10	15,0	22	77	12	99	5
610763	11	16,3	22	77	12	105	5
610764	12	17,6	22	77	12	95	5
610765	13	18,8	22	77	12	102	5
610766	14	20,4	22	77	15	107	5
610767	15	21,6	20,7	77	15	101	5
610768	16	22,9	21,5	77	15	116	5
610769	17	24,0	22	77	15	125	5
610770	18	25,4	23	77	18	145	5
610771	19	26,0	21	77	18	135	5
610772	20	27,9	24	77	18	171	5
610773	21	28,0	25	77	18	161	5
610774	22	30,0	26	77	21	192	5
610775	23	31,6	27	77	21	221	5
610776	24	32,0	28	77	24	218	5
610777	27	36,0	30	77	27	272	5
610778	30	40,0	34	77	30	311	5
610779	32	42,0	36	77	33	321	5

190 L 1/2” OFF THE POINT DRIVE SOCKET, LONG TYPE, inch size

1/2”

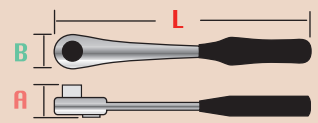


Code	12“	D1	D2	L	T		
610780	3/8	15,0	22	77	12	100	5
610781	7/16	16,3	22	77	12	105	5
610782	1/2	18,8	22	77	15	105	5
610783	9/16	20,4	22	77	15	105	5
610784	19/32	21,6	20,7	77	15	100	5
610785	5/8	22,9	21,5	77	15	115	5
610786	11/16	24,0	22	77	15	120	5
610787	3/4	26,0	23	77	18	135	5
610788	25/32	27,9	24	77	18	170	5
610789	13/16	28,0	25	77	18	165	5
610790	7/8	30,0	26	77	21	190	5
610791	15/16	32,0	28	77	24	215	5
610792	1	34,0	30	77	24	260	5
610793	1 1/16	36,0	30	77	27	272	5
610794	1 1/8	38,0	32	77	27	278	5
610795	1 3/16	40,0	34	77	30	310	5
610796	1 1/4	42,0	36	77	33	320	

190.1 1/2" REVERSIBLE RATCHET

1/2"

DIN 3122 type D
ISO 3315 No.257

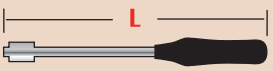


Code	A	B	L	DIN Nm		
605251	41,5	44,0	245	512	530	10

190.2 1/2" SWIVEL HANDLE

1/2"

DIN 3122 type F
ISO 3315 No.252

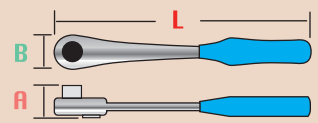


Code	L	DIN Nm		
600878	380	512	540	10
607375	450	512	580	10

190.1A BI 1/2" REVERSIBLE RATCHET

1/2"

DIN 3122 type D
ISO 3315 No.257



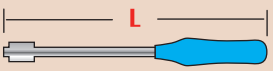
Code	A	B	L	DIN Nm		
611782	36	45	260	512	430	10

* with 75 teeth * with locking system

190.2 BI 1/2" SWIVEL HANDLE

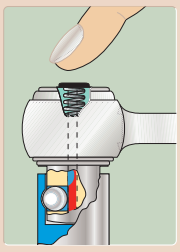
1/2"

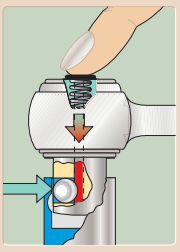
DIN 3122 type F
ISO 3315 No.252



Code	L	DIN Nm		
611899	390	512	575	10
611900	460	512	615	10

Material: Chrome molybdenum
new ergonomic heavy duty double component handle





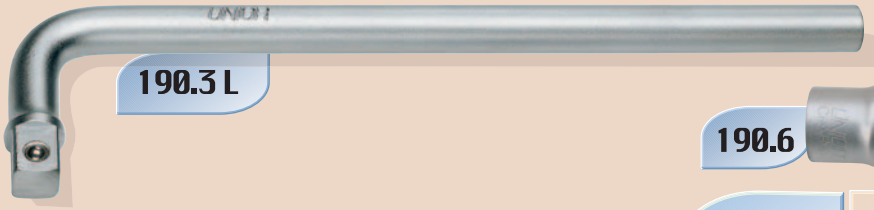
SAFETY LOCK SYSTEM
The socket is be released from ratchet with by simply pressing the button

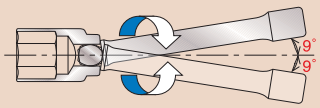
HIGHER SPEED AND EFFECTIVNESS
Speed of work will be assured with the locking system and mechanism for releasing the socket

- new ergonomic heavy duty double component handle
- material: special composition for hardening and tempering
- with 75- teeth

190.11
SET OF SPARE PARTS FOR 190.1A BI

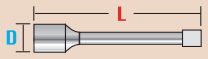
Code	pcs/set
612 504	12





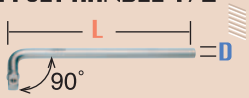
190.5 S 1/2" BALL END EXTENSION, SHORT

1/2"



Code	D	L	DIN Nm		
610908	24	125	512	180	10
610909	24	75		110	10

190.3 L OFFSET HANDLE 1/2"

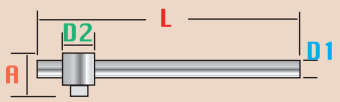


Code	D	L		
610933	14	250	360	10

190.3 1/2" SLIDING T – HANDLE

1/2"

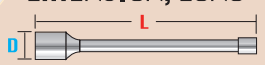
DIN 3122 type A
ISO 3315 No.253



Code	A	D1	D2	L	DIN Nm		
600876	45,0	14,0	25,5	300	455	440	10

190.4 S 1/2" BALL END EXTENSION, LONG

1/2"



Code	D	L	DIN Nm		
610907	24	250	512	320	10

190.4 1/2" EXTENSION BAR, LONG

1/2"

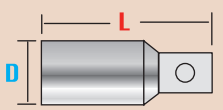
DIN 3123 type B
ISO 3316 No.204

Code	D	L	DIN Nm		
600875	24	250	512	320	10

190.7 1/2" ADAPTOR

1/2"

DIN 3123 type A
ISO 3316 No.203

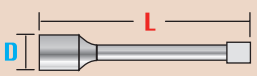


Code		D	L	DIN Nm		
603334	1/2"-3/8"	23	38	202	45	10
607975	1/2"-3/4"	23	41	512	45	10

190.5 1/2" EXTENSION BAR, SHORT

1/2"

DIN 3123 type B
ISO 3316 No.204

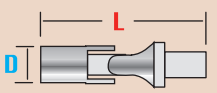


Code	D	L	DIN Nm		
600874	24	125	512	180	10
607955	24	75	512	110	10

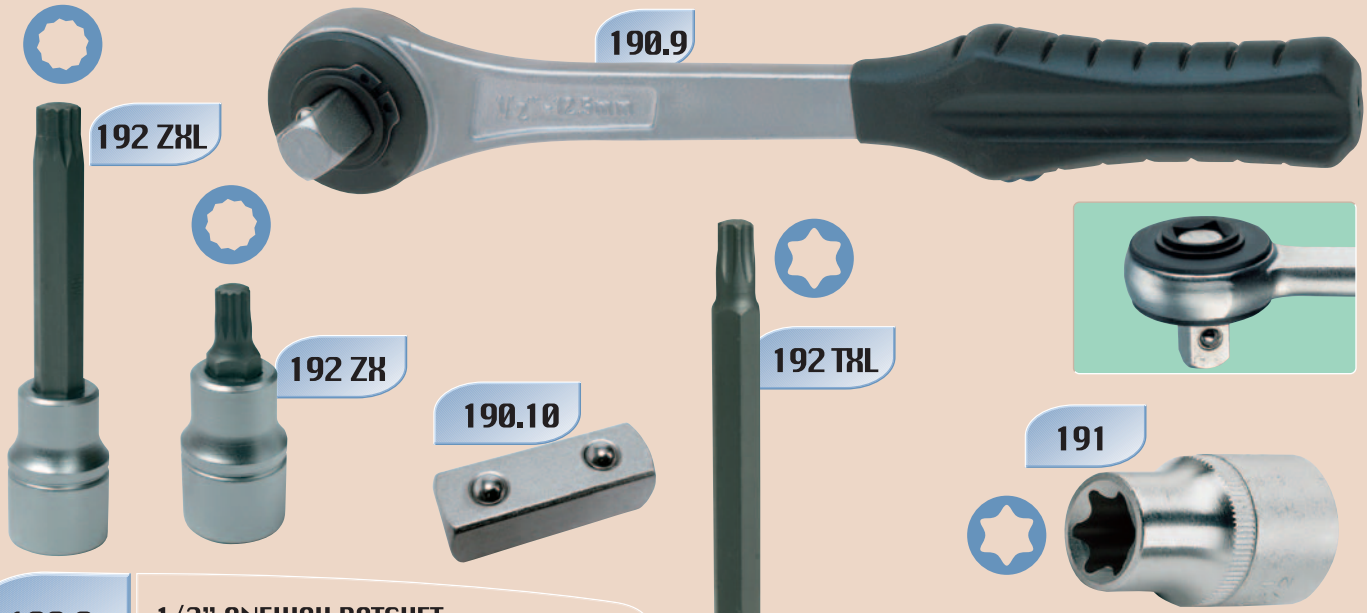
190.6 1/2" UNIVERSAL JOINT

1/2"

DIN 3123 type C
ISO 3316 No.205



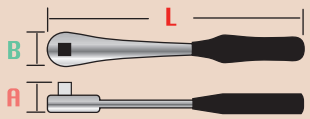
Code	D	L	DIN Nm		
600873	23	75,5	284	45	10



190.9 1/2" ONEWAY RATCHET

1/2"

DIN 3122 type C
ISO 3315 No.256



Code	A	B	L	DIN Nm		
600909	38	43,5	252	512	460	10

190.10 REPLACEMENT SQUARE 1/2"

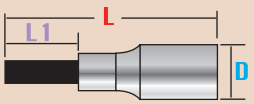
* For oneway ratchet 190.9

Code	D	L		
603378	14	15,5	46	10

192 TXL 1/2" SCREWDRIVER SOCKET WITH TX PROFILE

1/2"

* material:socket: chrome molybdenum
* bit: special tool steel
* chrome plated. polished

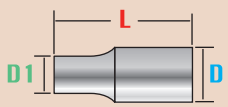


Code		D	L	L1		
612422	TX 20	22,9	100	64	81	10
612423	TX 25	22,9	100	64	81	10
612424	TX 27	22,9	100	64	81	10
612425	TX 30	22,9	100	64	81	10
612426	TX 40	22,9	100	64	85	10
612427	TX 45	22,9	100	64	87	10
612428	TX 50	22,9	100	64	89	10
612429	TX 55	22,9	100	64	95	10
612430	TX 60	22,9	100	64	105	10

191 1/2" SCREWDRIVER SOCKET WITH INTERNAL TX PROFILE

1/2"

* chrome plated
* polished

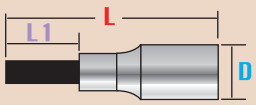


Code		D	D1	L		
607141	E 10	22	14	38	52	10
607142	E 11	22	14	38	47	10
607143	E 12	22	15	38	50	10
607144	E 14	22	17	38	52	10
607145	E 16	22	19	38	57	10
607146	E 18	24	21	38	73	10
607147	E 20	26	23	40	90	10
607148	E 22	26	25,3	40	97	10
607149	E 24	28	27,3	40	120	10

192 ZX 1/2" SCREWDRIVER SOCKET WITH ZX PROFILE

1/2"

* material: socket: chrome molybdenum
* bit: special tool steel
* finish: chrome plated

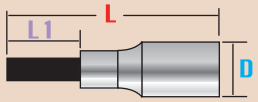


Code		D	L	L1		
612165	M5	22,9	52	16	64	10
612166	M6	22,9	52	16	65	10
612167	M8	22,9	52	16	74	10
612168	M10	22,9	57	21	79	10
612169	M12	22,9	57	21	85	10
612170	M14	22,9	57	21	90	10

192 ZXL 1/2" LONG SCREWDRIVER SOCKET WITH ZX PROFILE

1/2"

* material: socket: chrome molybdenum
* bit: special tool steel
* finish: chrome plated



Code		D	L	L1		
612171	M6	22,9	100	64	76	10
612172	M8	22,9	100	64	85	10
612173	M10	22,9	100	64	105	10
612174	M12	22,9	100	64	118	10

192 HX

192 SL

192 PH

192 TX

192 PZ

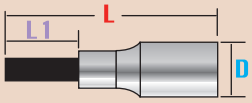
1/2"

192 HXL

192 HX — 1/2" HEXAGONAL SCREWDRIVER SOCKET

1/2"

* material:socket: chrome molybdenum
* bit: special tool steel
* chrome plated. polished

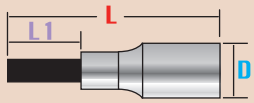


Code	⬢	D	L	L1		
600978	4	23	60	24	58	10
603420	5	23	60	24	58	10
603421	6	23	60	24	58	10
603422	7	23	60	24	70	10
603423	8	23	60	24	76	10
605923	9	23	60	24	80	10
603424	10	23	60	24	90	10
603425	12	23	60	24	100	10
603426	14	23	60	24	111	10
603427	17	24	60	20	163	10
603428	19	26,5	60	20	182	10

192 HXL — 1/2" LONG HEXAGONAL SCREWDRIVER SOCKET

1/2"

* material:socket: chrome molybdenum
* bit: special tool steel
* chrome plated. polished

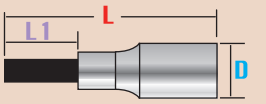


Code	⬢	D	L	L1		
603380	5	22,9	100	64	65	10
603381	6	22,9	100	64	74	10
603383	7	22,9	100	64	80	10
603384	8	22,9	100	64	92	10
603386	10	22,9	100	64	112	10
603455	12	22,9	100	64	134	10

192 TX — 1/2" SCREWDRIVER SOCKET WITH TX PROFILE

1/2"

* material:socket: chrome molybdenum
* bit: special tool steel
* chrome plated. polished

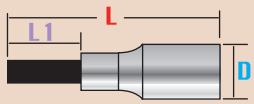


Code	✿	D	L	L1		
605562	TX 20	22,9	52	16	68	10
605563	TX 25	22,9	52	16	68,5	10
605564	TX 27	22,9	52	16	68,8	10
605565	TX 30	22,9	52	16	69,9	10
605566	TX 40	22,9	52	16	71,2	10
605567	TX 45	22,9	52	16	72,7	10
605568	TX 50	22,9	52	16	75	10
605569	TX 55	22,9	57	21	80	10
605570	TX 60	22,9	57	21	90	10

192 SL — 1/2" SLOTTED SCREWDRIVER SOCKET

1/2"

* material:socket: chrome molybdenum
* bit: special tool steel
* chrome plated. polished

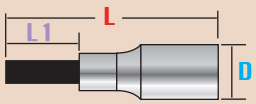


Code			D	L	L1		
605551	1,2	8,0	22,9	63	27	77	10
605552	1,6	10,0	22,9	63	27	80	10
605553	2,0	12,0	22,9	63	27	90	10
605554	2,5	14,0	22,9	63	27	100	10
605555	2,5	16,0	22,9	63	27	110	10

192 PZ — DOUBLE CROSSTIP SCREWDRIVER SOCKET

1/2"

* material:socket: chrome molybdenum
* bit: special tool steel
* chrome plated. polished

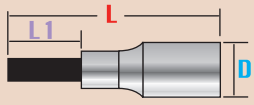


Code	✚	D	L	L1		
605559	PZ 2	22,9	54	18	70	10
605560	PZ 3	22,9	54	18	70	10
605561	PZ 4	22,9	57	21	75	10

192 PH — 1/2" CROSSTIP SCREWDRIVER SOCKET

1/2"

* material:socket: chrome molybdenum
* bit: special tool steel
* chrome plated. polished



Code	✚	D	L	L1		
605556	PH 2	22,9	54	18	70	10
605557	PH 3	22,9	54	18	70	10
605558	PH 4	22,9	57	21	80	10

190 BI — 1/2" SOCKET SET IN METAL BOX

Code	SET	pcs			
611940	10-24	14	190 (10+11+12+13+14+15+17+19+21+22+24)+190.1A BI+190.3+190.5(125)	4020	1

Code	SET	pcs			
611939	10-32	24	190 (10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+27+30+32) 190.1ABI+190.2BI+190.3+190.4+190.5(125)+190.6	6180	1

190 BI12 — 1/2" SOCKET SET IN METAL BOX

Code	SET	pcs	12		
611942	10-24	14	190 (10+11+12+13+14+15+17+19+21+22+24)+190.1A BI+190.3+190.5(125)	4020	1

Code	SET	pcs	12		
611941	10-32	24	190 (10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+27+30+32) 190.1ABI+190.2BI+190.3+190.4+190.5(125)+190.6	6180	1

242 A — 1/2" SOCKET SET IN METAL BOX

Code	SET	pcs	12		
611943	3/8" - 1 1/4"	23	190 (3/8+7/16+1/2+9/16+19/32+5/8+11/16+3/4+25/32+13/16+7/8+15/16+1+1-1/16+1-1/8+1-3/16+1-1/4)+190.1A BI+190.2 BI+190.3+190.4+190.5+190.6	5565	1

242 B — 1/2" SOCKET SET IN METAL BOX

Code	SET/pcs			
611944	43	190 1/2 (10+11+12+13+14+15+17+19+22+24+27+30+32) 190.1ABI+190.3+190.4+190.5(125)+190.6 192 HX 1/2"(6+7+8+10+12+14+17) 188 1/4"(4+4,5+5+5,5+6+7+8+9+10+11+12+13+14) 188.1 BI, 188.3,188.4, 188.5, 188.6	7300	1

242 C — 1/2" SOCKET SET IN METAL BOX

Code	SET/pcs			
611945	22	190.1A BI +190.4+190.5(125)+190.6 191 1/2"(E 10+E 11+E 12+E14+E 16+E 18+E 20+E 22+E 24) 192 TX 1/2" (+TX 20+TX 25+TX 27+TX 30+TX 40+TX 45+TX 50+TX 55+TX 60)	4020	1

242 D — 1/2" SOCKET SET IN METAL BOX

Code	SET/pcs			
611946	20	190.1A BI +190.4 +190.5 (125)+ 192 HX 1/2"(4+5+6+7+8+9+10+12+14+17+19) 192 HXL 1/2"(5+6+7+8+10+12)	4020	1

242 E — 1/2" SOCKET SET IN METAL BOX

Code	SET/pcs			
612162	28	190L(12)+190L(13)+190L(14)+190L(17)+190L(19)+190L(21)+190L(22)+190L(24)+190L(27)+190L(30)+190 1/2"+10 190 1/2"(13)+190 1/2"(14)+190 1/2"(15)+190 1/2"(16)+190 1/2"(17)+190 1/2"(18)+190 1/2"(19)+190 1/2"(22)+190 1/2"(24)+190 1/2"(27) 190 1/2"(30)+190 1/2"(32)+190.1A BI+190.3+190.4+190.5(125)+190.6	7500	1

190 1/2" SOCKET SET IN METAL BOX

Code	SET	pcs			
600879	10-32	24	190 (10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+27+30+32)+190.1+190.2+190.3+190.4+190.5+190.6	6180	1
607951	10-32	23	190 (10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+27+30+32)+190.9+190.3+190.4+190.5+190.6	5565	1

Code	SET	pcs	12		
603143	24	10-32	190 (10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+27+30+32+190.1+190.2+190.3+190.4+190.5+190.6	5570	1

190 1/2" SOCKET SET IN METAL BOX

Code	SET	pcs			
605424	10-24	14	190 (10+11+12+13+14+15+17+19+21+22+24)+190.1+190.3+190.5	4020	1

Code	SET	pcs	12		
602856	10-24	14	190 (10+11+12+13+14+15+17+19+21+22+24)+190.1+190.3+190.5	3740	1

240/1

240/2

240/3

240/1 1/2" SOCKET SET IN METAL BOX

Code	SET/pcs		
605900	36	6540	1

CONTENTS:

Art.	mm	Pcs
190 1/2"	10+11+12+13+14+15+16+17+18+ 19+20+21+22+23+24+27+30+32+ 190.1+190.3+190.4+190.5+190.6	23
192 HX	6+8+10+12	4
192 SL	1.2x8.0,+1.6x10.0+2.0x12.0	3
192 PH	2+3+4	3
192 TX	20+25+27	3

240/2 1/2" SOCKET SET IN METAL BOX

Code	SET/pcs		
605902	23	5130	1

CONTENTS:

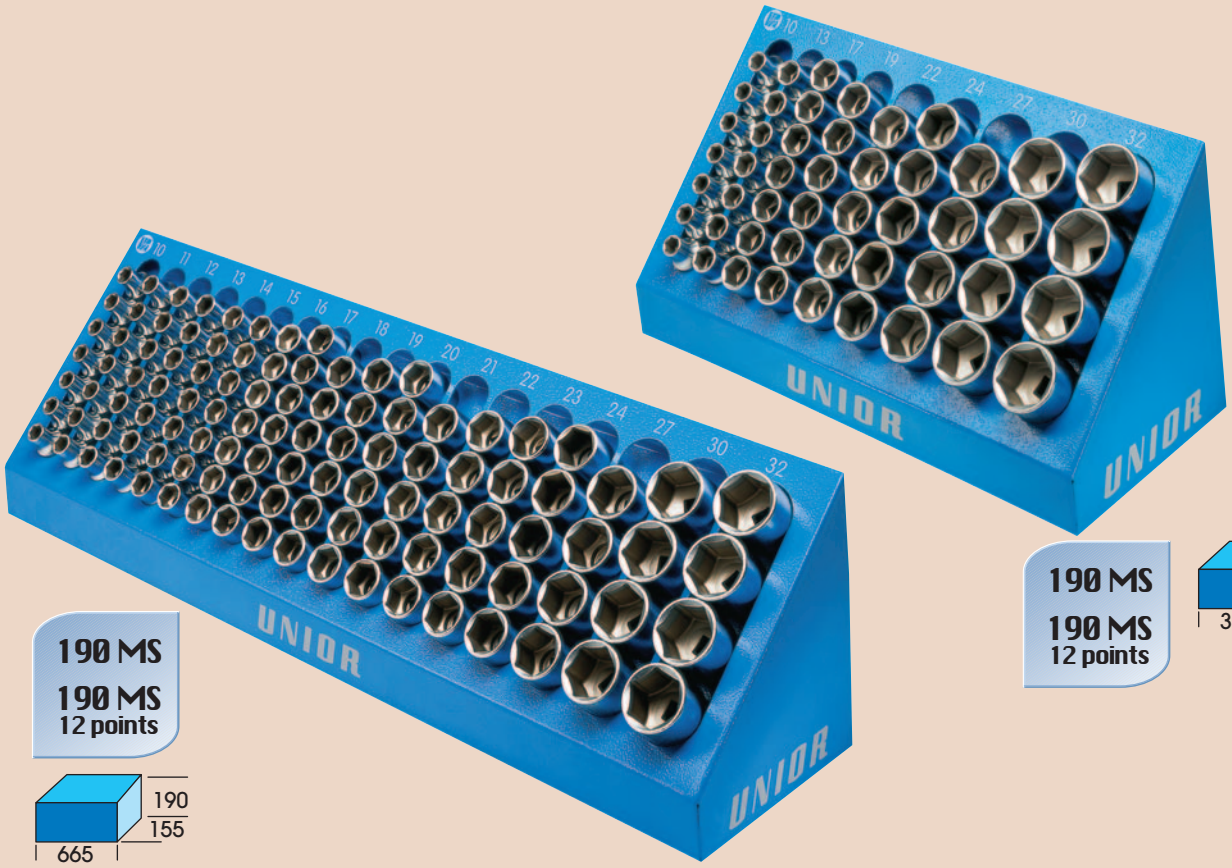
Art.	mm	Pcs
	190.1+190.3+190.4+190.5+190.6	5
192 HX	6+8+10+12+14+17+19	7
192 SL	1.2x8.0,+1.6x10.0+2.0x12.0	3
192 PH	2+3+4	3
192 TX	20+25+27+30+40	5

240/3 1/2" SOCKET SET IN METAL BOX

Code	SET/pcs		
605901	27	5130	1

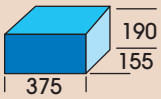
CONTENTS:

Art.	mm	Pcs
190	10+13+14+17+19+22	6
	190.1+190.5	2
120/1	10+11+12+13+14+15+16+17+ 18+19+20+21+22	13
192 HX	8+10+12	3
192 TX	20+25+27	3



190 MS
190 MS
12 points

190 MS
190 MS
12 points



190 MS — 1/2" SOCKET SET ON METAL STAND

Code	SET/PCS		
610649	106	12500	1

CONTENTS:

Art.	mm (pcs in set)
190	**10**(7)+**11**(7)+**12**(7)+**13**(7)+**14**(7)+**15**(7)+**16**(7)+**17**(7) **18**(6)+**19**(6)+**20**(6) **21**(5)+**22**(5)+**23**(5)+**24**(5) **27**(4)+**30**(4)+**32**(4)

190 MS — 1/2" SOCKET SET ON METAL STAND

Code	SET/PCS		
610648	49	6960	1

CONTENTS:

Art.	mm (pcs in set)
190	**10**(7)+**13**(7)+**17**(7) **19**(6) **22**(5)+**24**(5) **27**(4)+**30**(4)+**32**(4)

190 MS 12 point — 1/2" SOCKET SET ON METAL STAND

Code	SET/PCS		
610651	106	12500	1

CONTENTS:

Art. 12	mm (pcs in set)
190 12 point	**10**(7)+**11**(7)+**12**(7)+**13**(7)+**14**(7)+**15**(7)+**16**(7)+**17**(7) **18**(6)+**19**(6)+**20**(6) **21**(5)+**22**(5)+**23**(5)+**24**(5) **27**(4)+**30**(4)+**32**(4)

190 MS 12 point — 1/2" SOCKET SET ON METAL STAND

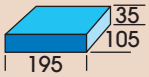
Code	SET/PCS		
610650	49	6960	1

CONTENTS:

Art. 12	mm (pcs in set)
190 12 point	**10**(7)+**13**(7)+**17**(7) **19**(6) **22**(5)+**24**(5) **27**(4)+**30**(4)+**32**(4)

191

192

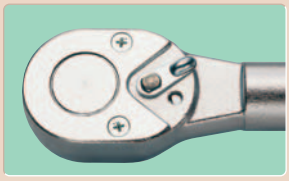


191 1/2" SOCKET SET IN METAL BOX

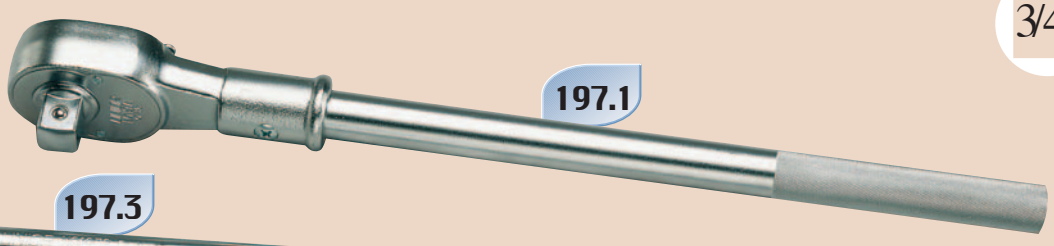
Code	SET	pcs			
607314	E 10-24	9	10+11+12+14+16+18+20+22+24	980	1

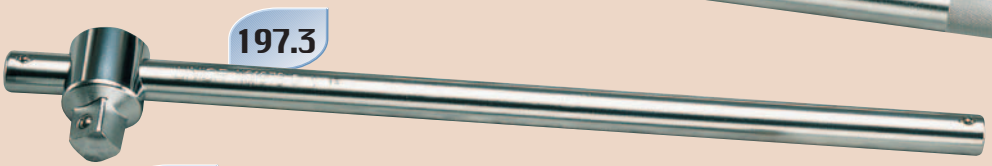
192 1/2" SOCKET SET IN METAL BOX

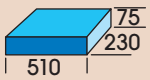
Code	SET	pcs	PH TX HX		
603655	192/10	9	TX 25+27+30+40+45+50+ PH 2+3+4	995	1
603656	192/11	9	TX 25+27+30+40+45+ HX 6+8+10+12	1042	1
603657	192/12	9	TX 20+25+27+30+40+45+50+55+60	1105	1
603658	192/13	9	TX 27+30+45+ PH 2+3+4+ HX 8+10+12	1065	1
607064	192/14	9	HX 5+6+7+8+9+10+12+14+17	1223	1



3/4”



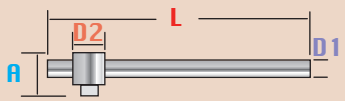




197.3 3/4” SLIDING T - HANDLE

3/4”

DIN 3122 type A
DIN 3315 No. 253

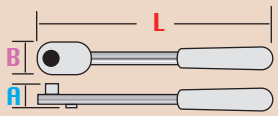


Code	A	D1	D2	L	DIN Nm		
602738	60	20	37	460	1255	1385	1

197.1 3/4” REVERSIBLE RATCHET

3/4”

DIN 3122 type D
DIN 3315 No. 257



Code	A	B	L	DIN Nm		
602737	54	60	500	1412	1890	1

197.5 3/4” EXTENSION BAR, SHORT

3/4”

DIN 3123 type B
DIN 3316 No. 204

Code	D	L	DIN Nm		
602740	36	205	1412	700	1

197.4 3/4” EXTENSION BAR, LONG

3/4”

DIN 3123 type B
DIN 3316 No. 204

Code	D	L	DIN Nm		
602739	36	405	1412	1370	1

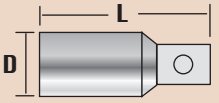
197 3/4” TOOL SET IN METAL BOX

Code	SET	pcs			
602742	22-46	14	197(22+24+27+30+32+36+38+41+46)+197.1+197.3+197.4+197.5+197.7	13000	1
600954	22-50	14	197(22+24+27+30+32+36+38+41+46+50)+197.1+197.3+197.4+197.5	13500	1

197.7 3/4” ADAPTOR

3/4”

DIN 3123 type A
DIN 3316 No. 203



Code		D	L	DIN Nm		
602741	3/4”-1/2”	34	54	1412	166	1
610695	3/4”-1”	40	62,4	1412	250	10

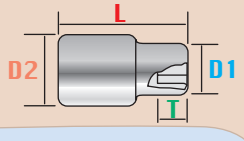
197

197 L

197 — 3/4" OFF TUE POINT DRIUE

3/4"

DIN 3124
ISO 2725

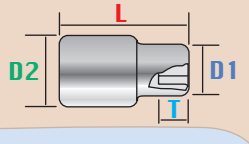


Code	⬢	D1	D2	L	T		
602723	22	32	35	49	14	195	10
602724	23	33	34	52	14	195	10
602725	24	34,5	35	49,5	16	210	10
602726	26	37	36,5	50	16	210	10
602727	27	38	36	52	22	216	10
602728	28	39	36	52	22	220	10
602729	30	42	38	54	24	280	10
602730	32	44	38	55	26	300	10
602731	34	46	38	55	26	340	5
602732	36	50	40	58	23	405	5
602733	38	52	43	60	28	470	5
602734	41	55	44	63	30	520	5
602735	46	62	48	68	34	690	1
602736	50	68	48	72	36	850	1
603135	60	80	48	78	42	1130	1

*chrome plated * polished

197 — 3/4" SOCKET, inch sizes

3/4"



Code	"	D1	D2	L	T		
609383	7/8	32.2	36	50	14	210	10
609384	15/16	34.2	36	51	16	210	10
609385	1"	37.0	36	52	16	210	10
609386	1" 1/16	38.0	36	52	22	210	10
609387	1" 1/8	40.0	38	52	22	230	10
609388	1" 1/4	44.0	38	56	24	280	10
609389	1" 5/16	46.0	38	56	26	330	5
609390	1" 3/8	48.0	42	58	26	360	5
609391	1" 7/16	50.0	42	58	28	400	5
609392	1" 1/2	52.0	45	60	28	450	5
609393	1" 5/8	56.0	45	64	30	540	5
609394	1" 11/16	58.0	45	65	32	570	5
609395	1" 13/16	62.0	48	68	34	650	1
609396	1" 7/8	64.0	48	70	34	700	1
609397	2"	68.0	48	72	36	750	1
609398	2" 1/16	70.0	48	72	36	900	1

*chrome plated * polished

197 L — 3/4" OFF THE POINT DRIUE SOCKET, LONG TYPE

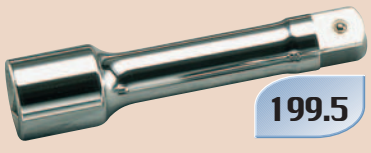
3/4"

Code	⬢	D1	D2	L	T	T	
610797	22	32,2	36	90	26	360	5
610798	23	33,2	36	90	26	360	5
610799	24	34,2	36	90	26	360	5
610800	26	37	36	90	28	410	5
610801	27	38	36	90	28	410	5
610802	28	39	36	90	28	430	5
610803	30	42	40	90	28	510	5
610804	32	44	42	90	28	560	5
610805	34	47	44	90	30	630	5
610806	36	50	44	90	30	650	5
610807	38	52	44	90	34	670	5
610808	41	56	44	90	34	790	5
610809	46	62	44	90	34	870	1
610810	50	68	44	90	36	990	1
610811	60	80	44	90	42	1700	1

197 L — 3/4" OFF THE POINT DRIUE SOCKET, LONG TYPE, inch size

3/4"

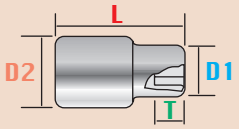
Code	"	D1	D2	L	T	T	
610812	7/8	32,2	36	90	26	360	5
610813	15/16	34,2	36	90	26	360	5
610814	1	37	36	90	26	410	5
610815	1 1/16	38	36	90	28	410	5
610816	1 1/8	40	38	90	28	460	5
610817	1 1/4	44	42	90	28	560	5
610818	1 5/16	46	44	90	30	620	5
610819	1 3/8	48	44	90	30	640	5
610820	1 7/16	50	44	90	30	650	5
610821	1 1/2	52	44	90	34	670	5
610822	1 5/8	56	44	90	34	790	5
610823	1 11/16	60	44	90	34	830	5
610824	1 13/16	62	44	90	34	870	1
810825	1 7/8	64	44	90	34	960	1
610826	2	66	44	90	36	990	1
610827	2 1/16	68	44	90	36	1200	1



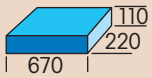
199 — 1" SOCKET

1" * chrome plated * polished

DIN 3124 ISO 2725



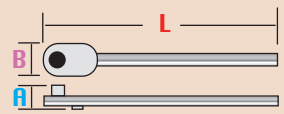
Code	⬢	D1	D2	L	T		
603096	46	64,7	50	75	38	870	1
603097	50	70	57	76	38	1050	1
603098	55	76	57	81	43	1270	1
603099	60	80	57	85	45	1440	1
603100	65	87	57	88	45	1710	1
603101	70	94	68	90	46	2190	1
603102	75	100	68	98	55	2460	1
603103	80	105	68	105	58	2820	1



199.1 — 1" REVERSIBLE RATCHET

1"

DIN 3122 type D
DIN 3315 No.257



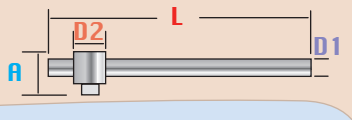
Code	A	B	L	DIN Nm		
603104	66	64	660	2515	4100	1

* chrome plated * polished

199.3 — 1" SLIDING T – HANDLE

1"

DIN 3122 type A
DIN 3315 No.253



Code	A	D1	D2	L	DIN Nm		
603105	80	28	49	560	2515	3310	1

199.4 — 1" EXTENSION BAR, LONG

1"

DIN 3123 type B
DIN 3316 No.204

Code	D	L	DIN Nm		
603106	48	400	2515	2380	1

199.5 — 1" EXTENSION BAR, SHORT

1"

DIN 3123 type B
DIN 3316 No.204

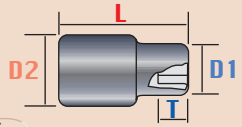
Code	D	L	DIN Nm		
603107	48	200	2515	1315	1

199 — 1" TOOL SET IN METAL BOX

1"

Code	SET	pcs	⬢		
603095	46-80	12	199 (46+50+55+60+65+70+75+80)+199.1+199.3+199.4+199.5	32000	1

230 3/8" IMPACT SOCKET



3/8"

DIN 3129 ISO 2725-

Code	⬢	D1	D2	L	T		
612060	8	19	13,8	30	8	35	10
612061	9	19	15	30	8	35	10
612062	10	19	16,3	30	8	35	10
612063	11	19	17,5	30	9	40	10
612064	12	19	19	30	9	40	10
612065	13	22	20	30	10	45	10
612066	14	22	21,3	30	11	45	10
612067	15	22	22	30	11	53	10
612068	16	22	24	30	12	60	10
612069	17	22	25	30	12	67	10
612070	18	22	26	30	12	67	10
612071	19	22	27,5	30	19	77	10
612072	20	22	28	30	13	90	10
612073	21	22	30	30	13	90	10
612074	22	23	32	30	13	90	10

Material: socket: chrome molybdenum
- black oxide finish

230.7 3/8" IMPACT ADAPTOR

3/8"

Code		D	L		
612078	3/8"-1/2"	22	36	64	10

Material: socket: chrome molybdenum
- black oxide finish

230.4 3/8" IMPACT EXTENSION BAR

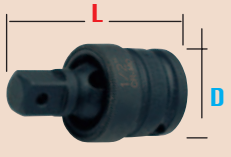
3/8"

Code	D	L		
612075	19	75	80	10
612076	19	125	110	10

Material: socket: chrome molybdenum
- black oxide finish

230.6 3/8" IMPACT UNIVERSAL JOINT

3/8"



Code	D	L		
612077	23,9	51	120	10

Material: socket: chrome molybdenum
- black oxide finish

230.8 3/8" IMPACT ACCESSORIES

3/8"

Code	SET	⬢ dim	D	
612079	Ring and pin	6-12	16x2,4	10
612080	Ring and pin	13-21	19x2,4	10
612081	Ring and pin	22	20x2,4	10

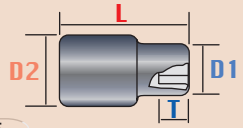
Material: socket: chrome molybdenum
- black oxide finish

1/2”

* material: chrome molybdenum steel
* black oxide finish

231 1/2” IMPACT SOCKET

1/2”



DIN 3129 ISO 2725-

Code		D1	D2	L	T		
603962	10	17,8	25	38	12	92	5
603963	11	19	25	38	12	88	5
603964	12	20	25	38	12	84	5
603965	13	21,5	25	38	12	84	5
603966	14	22,8	25	38	12	84	5
603967	15	24	30	38	12	133	5
603968	16	25	30	38	12	135	5
603969	17	26,5	30	38	13	130	5
609399	18	27.5	30	38	13	125	5
603970	19	29	30	38	13	130	5
603971	21	31,5	30	38	13	120	5
603972	22	32	30	38	13	125	5
603973	23	34	30	38	13	144	5
603974	24	35,5	30	45	20	163	5
603975	27	39	30	50	22	195	5
609400	28	40,0	30	50	22	214	5
603976	30	42	30	50	22	226	5
605548	32	42	30	50	28	231	5

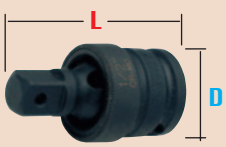
231.4 1/2” IMPACT EXTENSION BAR, LONG

1/2”

Code	D	L		
603977	25	125	224	5

231.6 1/2” IMPACT UNIVERSAL JOINT

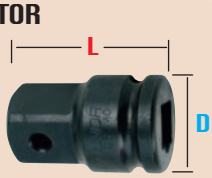
1/2”



Code	D	L		
609460	34	60	201	5

231.7 1/2” IMPACT ADAPTOR

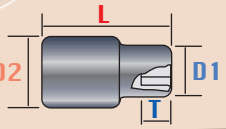
1/2”



Code		D	L		
603979	1/2”-3/4”	30	48	175	5
612120	1/2”-3/8”	25	38	64	5

231L 1/2” IMPACT SOCKET, LONG TYPE

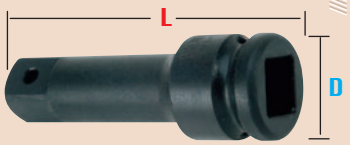
1/2”



Code		D1	D2	L	T		
607918	10	17,5	25	78	14	154	5
607919	11	18,7	25	78	14	156	5
607920	12	20	25	78	14	180	5
607921	13	21	25	78	14	165	5
607922	14	22,5	25	78	17	182	5
607923	15	23,7	30	78	17	256	5
607924	16	25	30	78	17	250	5
607925	17	26	30	78	17	246	5
609401	18	27,5	30	78	17	254	5
607926	19	28,7	30	78	19	246	5
607927	21	30	30	78	24	240	5
607928	22	32	30	78	24	218	5
607929	23	32	30	78	24	260	5
607930	24	35	30	78	24	293	5
607931	27	38,7	30	78	54	305	5
609402	28	40,0	30	78	54	331	5
607932	30	42	30	70	54	393	5
607933	32	44	30	78	54	406	5

231.5 1/2” IMPACT EXTENSION BAR, SHORT

1/2”



Code	D	L		
603978	25	75	150	5

231.8 1/2” IMPACT ACCESSORIES

1/2”

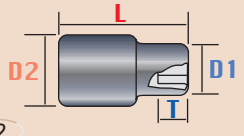
Code	SET	dim	D	
603997	ring	10-15	20x4	1
	pin	10-15	20x3	
603998	ring	16-32	25x4	1
	pin	16-32	25x3	

3/4”

* material: chrome molybdenum steel
* black oxide finish

232 3/4” IMPACT SOCKET

3/4”

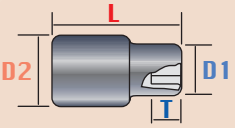


DIN 3129 ISO 2725-2

Code		D1	D2	L	T		
603980	17	31	44	50	12	380	5
603981	19	33	44	50	14	405	5
603982	21	36	44	50	16	425	5
603983	22	37	44	50	16	410	5
603984	24	39,5	44	50	16	395	5
603985	27	43	44	54	16	395	5
609403	28	44	44	54	23	401	5
603986	30	47	44	54	23	385	5
603987	32	50	44	56	23	475	5
603988	33	51	44	56	23	785	5
603989	36	55	44	56	23	520	5
603990	41	61	44	58	24	705	1
603991	46	67	44	63	27	880	1

232 L 3/4” IMPACT SOCKET, LONG TYPE

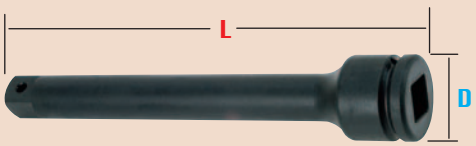
3/4”



Code		D1	D2	L	T		
607934	17	31	44	95	20	585	5
607935	19	33	44	95	23	615	5
607936	21	35	44	95	23	625	5
607937	22	37	44	95	23	625	5
607938	24	39	44	95	51	668	5
607939	27	43	44	95	62	651	5
609404	28	44	44	95	62	667	5
607940	30	47	44	95	62	719	5
607941	32	49	44	95	62	751	5
607942	33	51	44	95	62	823	5
607943	36	54	44	95	62	859	5
607944	41	60	44	95	60	1025	1
607945	46	67	44	95	58	1370	1

232.4 3/4” IMPACT EXTENSION BAR, LONG

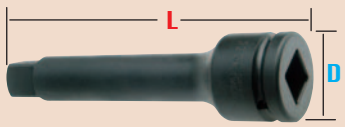
3/4”



Code	D	L		
603992	44	250	1060	1

232.5 3/4” IMPACT EXTENSION BAR, SHORT

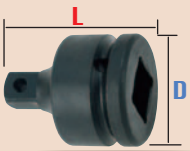
3/4”



Code	D	L		
603993	44	175	875	1

232.7 3/4” IMPACT ADAPTOR 3/4” - 1/2”

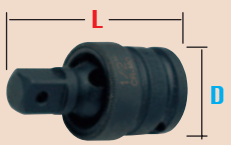
3/4”



Code		D	L		
603995	3/4”-1/2”	44	58	325	1

232.6 3/4” IMPACT UNIVERSAL JOINT

3/4”



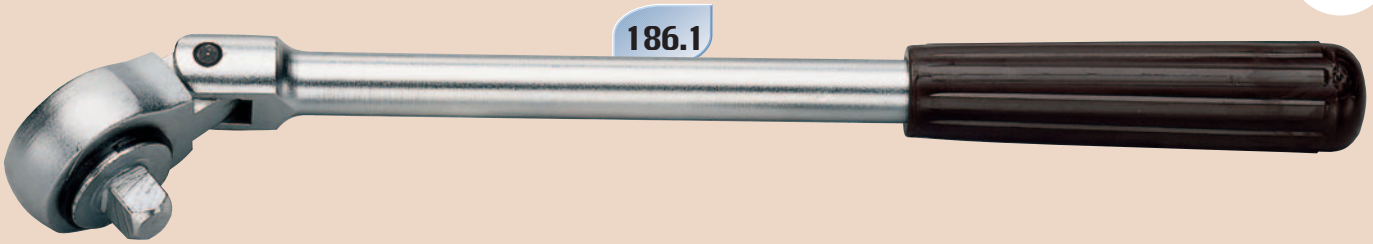
Code	D	L		
603994	44	105	585	1

232.8 3/4” IMPACT ACCESSORIES

3/4”

Code	SET	dim	D	
603996	ring	17-46	35x4,5	1
	pin	17-46	35x4	

3/8”



186 SPARK PLUG SOCKET WITH ACCESSORIES

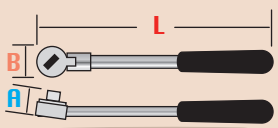
3/8”

Code		pcs			
600779	set 21	4	186.1+186.2+186.3+ 186.4 dim 21	710	1
603190	set 19	4	186.1+186.2+186.3+ 186.4 dim 19	710	1
603191	set 16	4	186.1+186.2+186.3+ 186.4 dim 16	710	1

186.1 3/8” REVERSIBLE RATCHET

3/8”

DIN 3122 type D
DIN 3315 No.257



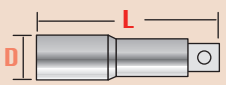
Code	A	B	L		
600775	34	36	290	430	10

* material: chrome vanadium * chrome plated

186.2 3/8” EXTENSION BAR, SHORT

3/8”

DIN 3123 type B
DIN 3316 No.204



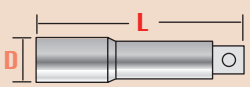
Code	D	L		
600777	17,5	45	50	10

* material: chrome molybdenum * chrome plated

186.3 3/8” EXTENSION BAR, LONG

3/8”

DIN 3123 type B
DIN 3316 No.204

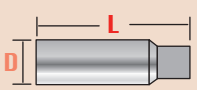


Code	D	L		
600778	17,5	75	85	10

* material: chrome molybdenum * chrome plated

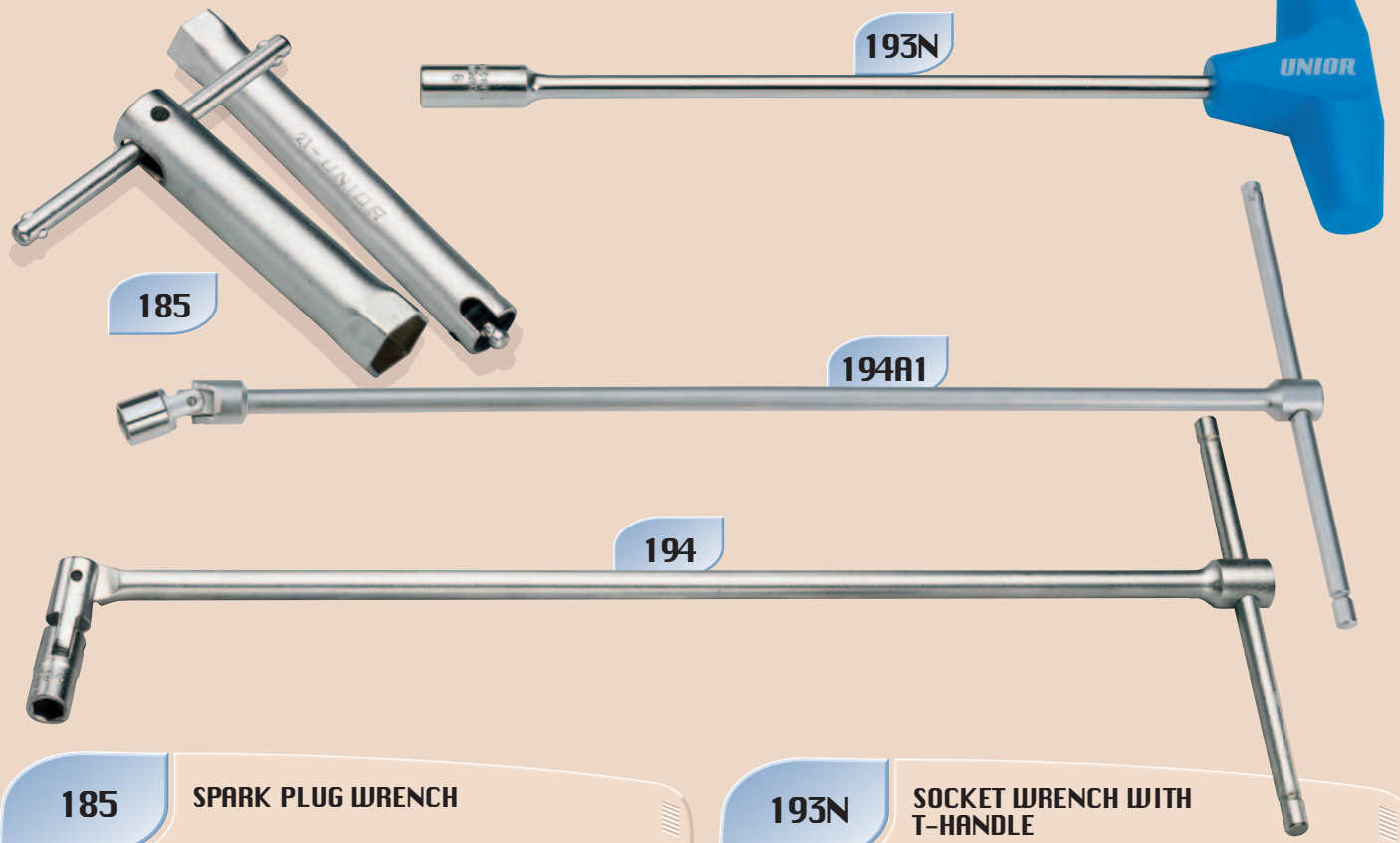
186.4 3/8” SPARK PLUG SOCKET

3/8”

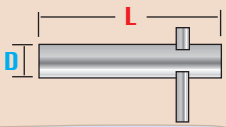


Code		D	L		
600776	21	27	66	125	10
603192	19	26	63	120	10
603193	16	22	63	90	10

* material: chrome molybdenum * chrome plated



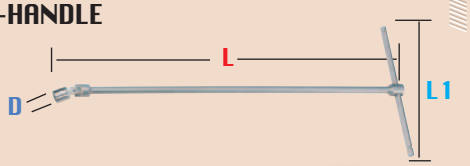
185 SPARK PLUG WRENCH



* material: carbon steel
* chrome plated

Code	⬡	D	L		
600771	16	19	145	160	10
607956	19	22	115	150	10
600772	21	24	115	160	10
600773	21	24	180	240	10

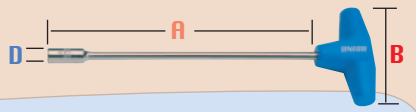
194A1 FLEXIBLE SOCKET WRENCH WITH T-HANDLE



* material: chrome vanadium
* chrome plated

Code	⬡	D	L1	L		
607992	6	10,5	165	390	210	10
607993	7	11,5	165	390	210	10
607994	8	12,5	165	390	210	10
607995	9	13,8	175	390	340	10
607996	10	15,0	175	450	392	10
607997	11	16,5	175	451	393	10
607998	12	17,5	175	453	394	10
607999	13	19,0	175	454	395	10
608101	14	20,5	180	455	425	10
608102	15	21,7	180	497	425	10
608103	16	23,0	180	497	430	10
608104	17	24,0	180	497	430	5
608105	18	25,4	180	501	820	5
608106	19	26,6	220	521	880	5
608107	20	27,7	220	521	880	5
608108	21	29,0	220	522	900	5
608109	22	30,5	220	523	900	5
608110	24	33,0	220	527	920	5

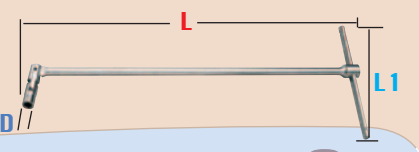
193N SOCKET WRENCH WITH T-HANDLE



* blade: chrome vanadium
* handle: polypropylene

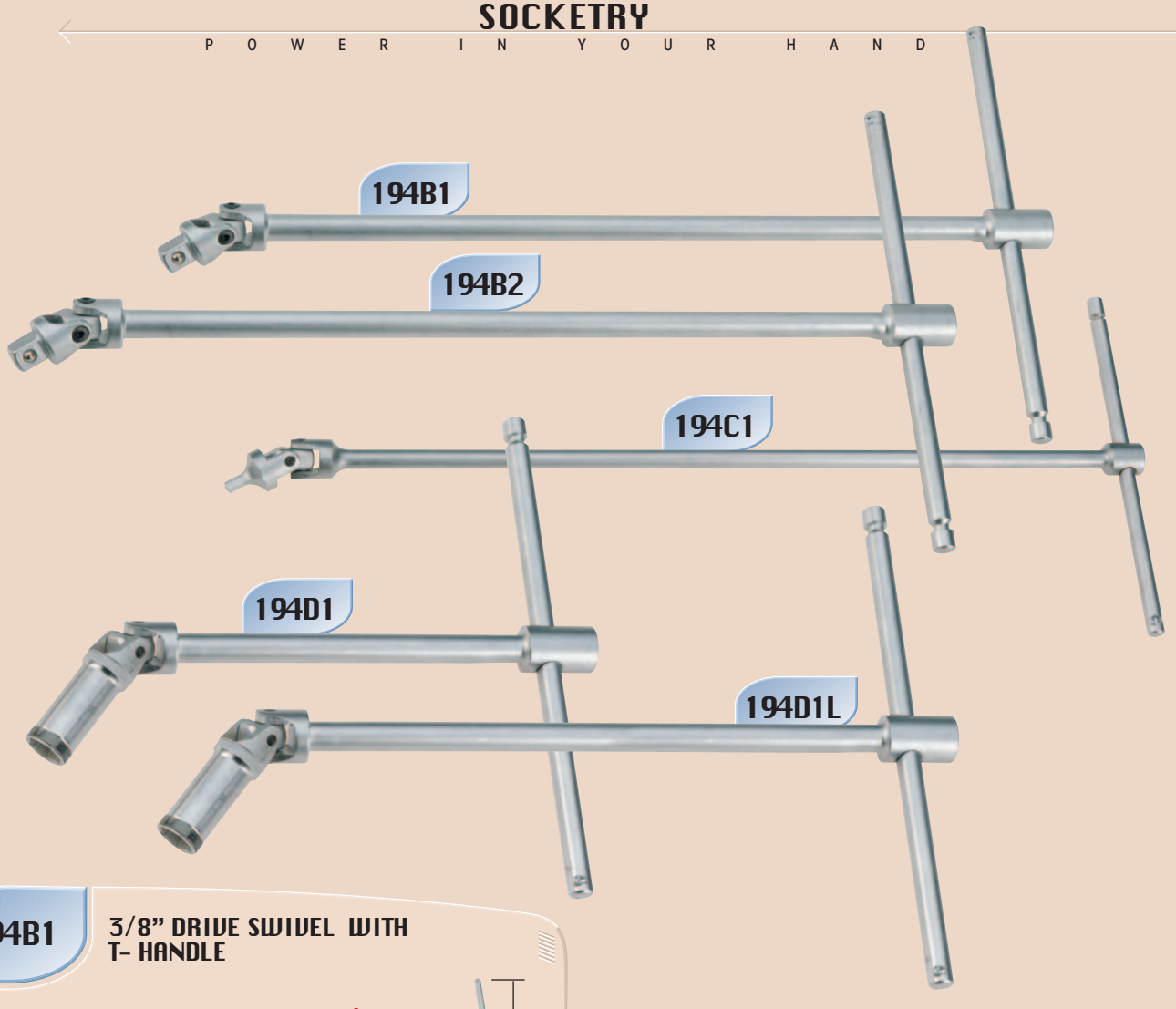
Code	⬡	D	A	B		
608283	5,5	8	230	88	100	10
608284	6	9	230	88	104	10
608285	7	11	230	88	118	10
608286	8	12	230	88	129	10
608287	9	13	230	88	130	10
608288	10	14	230	88	159	10
608289	11	16	230	88	162	10
608290	12	17,5	230	88	164	10
608291	13	18	230	88	167	10
608292	14	20	230	88	170	10
608293	15	22	230	88	173	10
608294	16	22	230	88	176	10
608295	17	23	230	88	179	10

194 FLEXIBLE SOCKET WRENCH WITH T-HANDLE

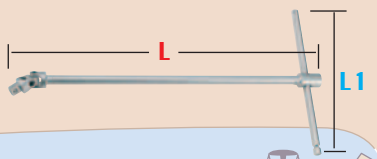


* material: chrome vanadium
* chrome plated

Code	⬡	D	L1	L		
600991	10	15.3	180	495	499	10
600992	11	16.5	180	495	505	10
600993	12	17.9	180	495	505	10
600994	13	19.1	180	495	506	10
600995	14	20.4	180	495	508	10
600996	17	23.6	180	495	517	5
602074	19	26.1	300	520	1053	5
602748	22	30.0	300	520	1072	5



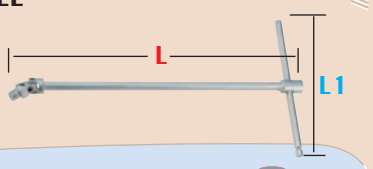
194B1 3/8" DRIVE SWIVEL WITH T- HANDLE



* material: chrome vanadium
* chrome plated

Code	▢	L1	L		
608113	3/8"	200	450	410	10

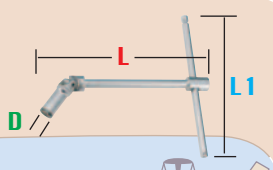
194B2 1/2" DRIVE SWIVEL WITH T - HANDLE



* material: chrome vanadium
* chrome plated

Code	▢	L1	L		
608114	1/2"	250	500	956	10

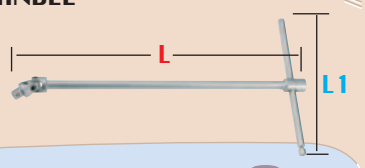
194D1 T - HANDLE SPARK PLUG WRENCH SWIVELING SOCKET



* material: chrome vanadium
* chrome plated

Code	⬡	D	L1	L		
608111	16	21	250	300	630	10
608112	20.8	27	250	300	668	10

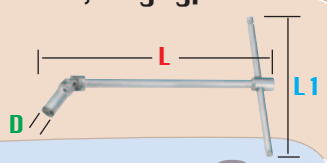
194C1 FLEXIBLE HEXAGONAL WRENCH WITH T- HANDLE



* material: chrome vanadium
* chrome plated

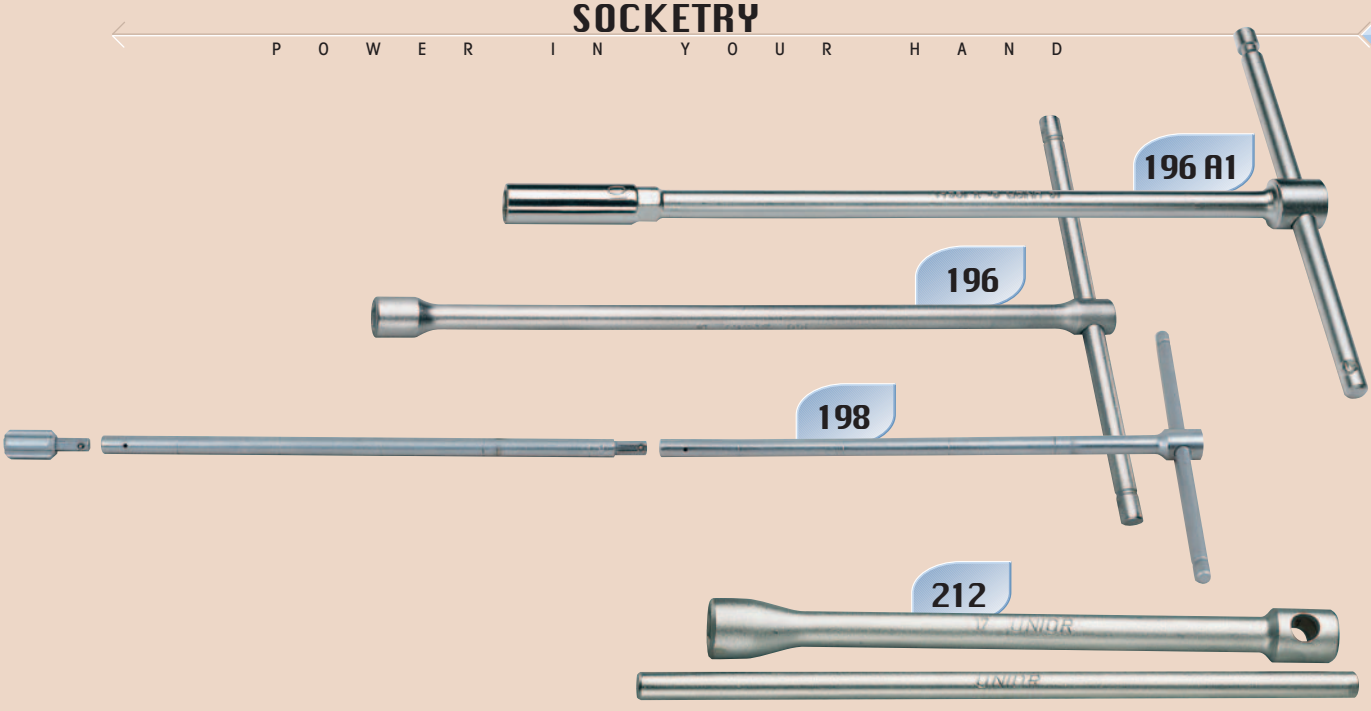
Code	⬢	L1	L		
608117	3	200	400	310	10
608118	4	200	400	310	10
608119	5	200	400	314	10
608120	6	200	400	314	10
608121	8	200	400	318	10

194D1L T - HANDLE SPARK PLUG WRENCH SWIVELING SOCKET, long type

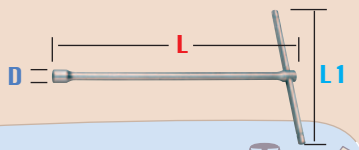


* material: chrome vanadium
* chrome plated

Code	⬡	D	L1	L		
608115	16	21	250	500	936	10
608116	20.8	27	250	500	974	10



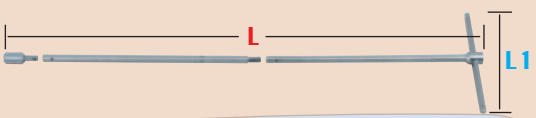
196 SOCKET WRENCH WITH T – HANDLE



* material: chrome vanadium
* chrome plated

Code	⬡	D	L1	L		
602075	8	12.5	165	235	144	10
602076	10	15.0	180	260	230	10
605000	11	16.0	180	260	235	10
605001	12	18.0	180	260	304	10
602077	13	19.2	180	260	305	5
605002	14	20.2	180	260	308	5
602078	17	24.0	220	285	494	5

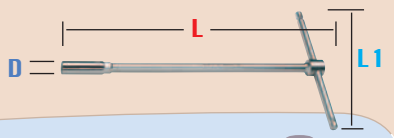
198 WRENCH "AKLIMAT" FOR RADIATORS



Code	✚	L	L1		
605586	23	850	300	1500	1

* material: special steel * chrome plated
* is used for mounting and servicing of radiators aklimat up to 18 links

196 A1 SOCKET WRENCH WITH T – HANDLE



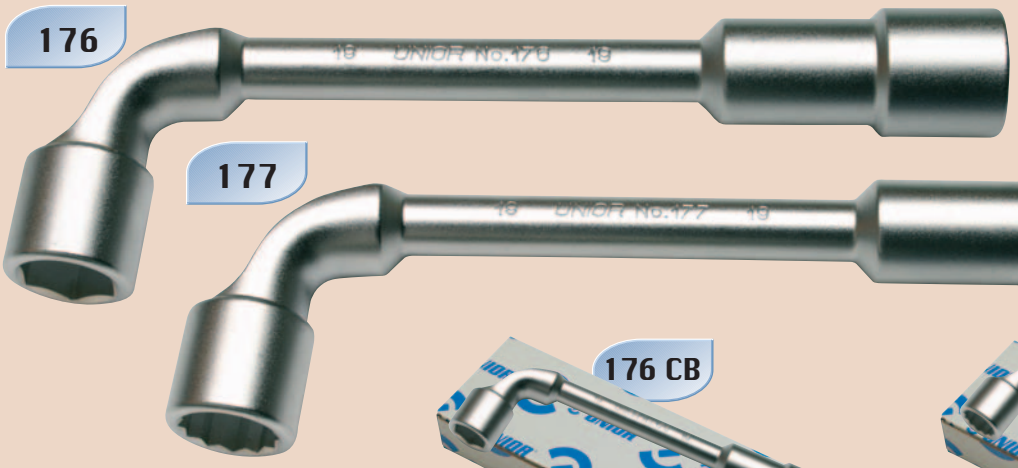
* material: chrome vanadium
* chrome plated

Code	⬡	D	L1	L		
608122	6	9.4	165	300	240	10
608123	7	11.0	165	300	240	10
608124	8	12.2	165	300	250	10
608125	9	13.0	175	300	260	10
608126	10	14.6	175	300	270	10
608127	11	16.0	175	300	280	10
608128	12	17.2	175	300	360	10
608129	13	18.0	175	300	400	5
608130	14	19.7	180	300	410	5
608131	15	22.0	180	300	420	5
608132	16	23.0	180	300	430	5
608133	17	24.0	180	300	440	5
608134	18	25.5	180	300	500	5
608135	19	26.6	220	300	520	5
608136	20	28.0	220	300	550	5
608137	21	29.0	220	300	580	5
608138	22	30.0	220	300	580	5
608139	24	33.0	220	300	630	5

212 WHEEL NUT WRENCH

Code	⬡	L	Rod		
600785	17	260	12x300	720	1
600786	19	280	12x300	806	1
600787	22	265	12x300	850	1
600788	24	315	14x400	1300	1
600789	27	355	20x400	2250	1
600790	30	425	20x400	2560	1
600791	32	430	20x400	2780	1
609815	33	430	20x400	2780	1

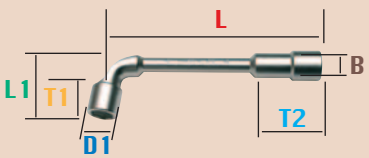
* material: chrome vanadium * forged and oil hardened * chrome plated



965/18A - Page 263

965/18B-Page 263

176 DOUBLE ENDED OFFSET SOCKET WRENCH



* Material: chrome vanadium
* Finishing: chrome plated
* Hardness: 40 –48 HRc
* Article No. 176 have 6 point drive on the both ends, art. No. 177 have on the short part 12 point drive.

Code		L	L1	D1	T1	T2	B		
609102	6	105	22	10	7	27	6	37	10
609103	7	105	22	11	8	27	6	38	10
609104	8	126	25	12	9	30	7	68	10
609105	9	126	25	13	9	30	7	68	10
609106	10	134	30	15	12	36	8	120	10
609107	11	135	30	16	13	36	8	123	10
609108	12	143	34	17	13	43,5	8	168	10
609109	13	150	34	20	13	43,5	12	190	10
609110	14	170	40	21	14	48	12	220	10
609111	15	171	40	22	15	48	14	225	10
609112	16	197	45	24	17	57	15	320	10
609113	17	197	45	25,3	18	57	15	360	10
609114	18	209	52	28,5	18	61	15	380	10
609115	19	209	52	28,5	19	61	15	430	10
609116	20	220	54	29,5	21	63,5	15	488	10
609117	21	220	54	30	22	63,5	15	500	10
609118	22	241	60	32	22	68	16	683	10
609119	23	241	60	33	24	74	20	750	5
609120	24	242	63	34,5	25	77,5	20	683	5
609121	25	242	63	35	26	77,5	20	717	5
609122	26	278	67	36	27	81	22	800	5
609123	27	278	67	36,5	28	81	22	875	5
609124	28	294	71	38,5	29	84	23	1050	5
609125	29	300	73	40	30	90	24	1100	5
609126	30	316	75	42	31	96,5	25	1367	1
609127	32	305	79	44	32	97,5	25	1467	1
609128	35	385	93	48,5	35	100	27	1560	1
609129	36	395	94	49,5	36	101	27	1700	1

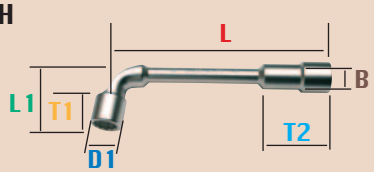
176 CB set of double ended offset socket wrench

Art.	Set/pcs		Art.	Set/pcs	
609130	8-24/16	1	609131	8-32/22	1

Contents: 8,9,10,11,12,13,14,15,16, 17,18,19,21,22,23,24

Contents: 8,9,10,11,12,13,14,15,16,17,18,19,2 1,22,23,24,26,27,28,29,30,32

177 DOUBLE ENDED OFFSET SOCKET WRENCH



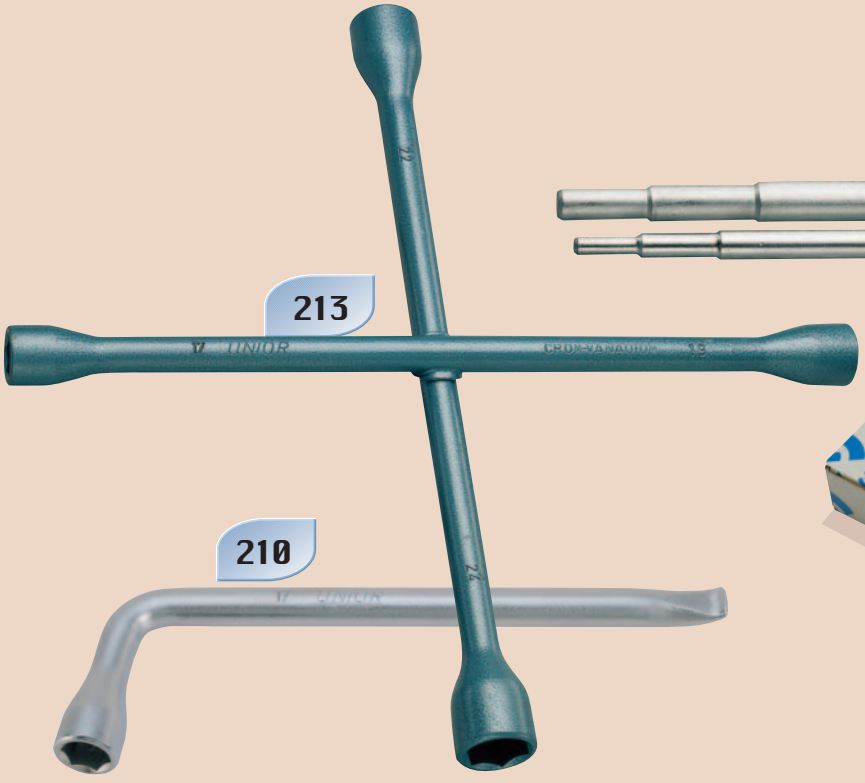
* Material: chrome vanadium
* Finishing: chrome plated
* Hardness: 40 –48 HRc
* Article No. 177 have on the short part 12 point drive, on the long part 6 point.

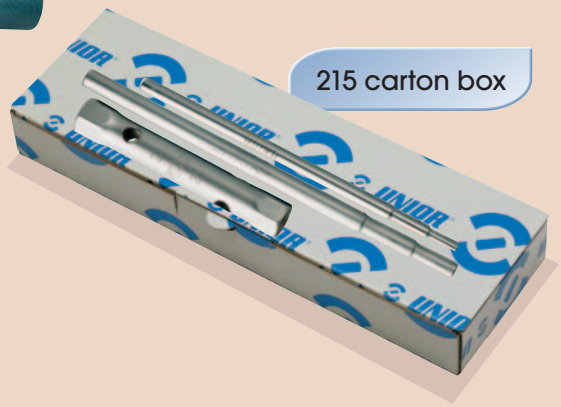
Code	12	L	L1	D1	T1	T2	B		
609083	8	126	25	12	9	30	7	68	10
609084	9	126	25	13	9	30	7	68	10
609085	10	134	30	15	12	36	8	120	10
609086	11	135	30	16	13	36	8	123	10
609087	12	143	34	17	13	43,5	8	168	10
609088	13	150	34	20	13	43,5	12	190	10
609089	14	170	40	21	14	48	12	220	10
609090	15	171	40	22	15	48	14	225	10
609091	16	197	45	24	17	57	15	320	10
609092	17	197	45	25,3	18	57	15	360	10
609093	18	209	52	28,5	18	61	15	380	10
609094	19	209	52	28,5	19	61	15	430	10
609095	20	220	54	29,5	21	63,5	15	488	10
609096	21	220	54	30	22	63,5	15	500	10
609097	22	241	60	32	22	68	16	683	10
609098	23	241	60	33	24	74	20	750	5
609099	24	242	63	34,5	25	77,5	20	683	5

177 CB set of double ended offset socket wrench

Art.	Set/pcs	
609100	8-24/16	1

Contents: 8,9,10,11,12,13,14,15,16, 17,18,19,21,22,23,24





210 WHEEL NUT WRENCH

Code	⬡	L		
600782	17	255	399	5
600783	19	285	551	5

* material: chrome vanadium * forged and oil hardened * chrome plated

213 FOUR WAY RIM WRENCH

DIN 3119 ISO 6788

Code	⬡	L		
600810	17x19x11/16"x1/2"	370	1245	1
600811	17x19x22x1/2"	370	1268	1
600809	17x19x21x23	370	1306	1
600812	17x19x22x24	370	1311	1
600813	24x27x30x3/4"	700	3874	1
600814	24x27x30x32	700	3900	1

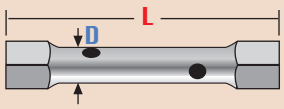
* material: chrome vanadium * forged and oil hardened * laquered

215 SET IN CARTON BOX

Code	SET	pcs	⬡		
600710	6-32	14	6x7+8x9+10x11+12x13+ 14x15+16x17+18x19+20x22+2 1x23+24x26+25x28+27x32+ rods 6x8x10x230+12x14x16x330	2640	1

215 TUBULAR BOX WRENCH

* material: chrome molybdenum
* chrome plated



DIN 896 ISO 1085

Code	⬡	D	L		
600696	6x7	10	105	32	10
600697	8x9	11	105	36	10
600698	8x10	13	120	50	10
600699	10x11	13	120	50	10
600700	12x13	15	140	68	10
600717	13x17	19	150	111	10
600701	14x15	18	140	98	10
600718	14x17	19	150	111	10
600702	16x17	19	150	111	10
607957	16x18	22	100	87	10
600719	17x19	22	160	140	10
607958	17x21	24	165	174	10
600703	18x19	22	155	135	10
605043	18x21	24	160	169	5
607959	19x21	24	100	106	5
605044	19x22	24	170	180	5
607960	19x24	26	160	184	5
600705	20x22	24	165	174	5
600706	21x23	26	165	190	5
607962	22x24	30	160	200	5
600707	24x26	30	180	297	5
600723	24x27	30	190	314	5
600708	25x28	31	200	342	5
607964	27x29	35	200	461	5
600709	27x32	35	200	461	5
602557	30x32	36	200	475	5
603128	30x36	38	215	702	5
603129	36x41	45	215	1032	5

Code	⬡	L	dim. of rods		
600745	6x7 - 16x17	230	6x8x10	125	10
600747	18x19 - 36x16	330	12x14x16	480	10

PLIERS

P O W E R I N Y O U R H A N D

FEATURES OF UNIOR'S PLIERS

83	combination pliers	405 BI
83	combination pliers	407
83	combination pliers	415
84	combination pliers	406 BI
84	combination pliers	408
84	combination pliers	416
84	linemen's pliers	420 BI
85	long flat nose pliers	471
85	long flat nose pliers	472 BI
85	long flat nose pliers	473
86	long round nose pliers	474
86	long round nose pliers	476 BI
86	long round nose pliers	477
87	long nose pliers with side cutter	504
87	long nose pliers with side cutter	505
87	long nose pliers with side cutter	506 BI
88	long nose pliers with side cutter and pipe grip, straight	502
88	long nose pliers with side cutter and pipe grip, straight	507
88	long nose pliers with side cutter and pipe grip, straight	508 BI
89	long nose pliers with side cutter and pipe grip, bent	510
89	long nose pliers with side cutter and pipe grip, bent	512 BI
89	long nose pliers with side cutter and pipe grip, bent	513
90	end cutting nippers	451
90	end cutting nippers	455 BI
90	end cutting nippers	456
91	diagonal cutting nippers	460
91	diagonal cutting nippers	461 BI
91	diagonal cutting nippers	462
92	heavy duty diagonal cutting nippers	465
92	heavy duty diagonal cutting nippers	466 BI
92	heavy duty diagonal cutting nippers	467
93	set of BI pliers in plastic box	900/1 BI
93	set of BI pliers on carton display	400/2
94	brake spring pliers	431
94	combination slip-joint pliers for gas tubes	418
94	duckbill pliers	509 BI
95	spare cutter for 479	479.1
95	wire stripping pliers	469
95	wire stripping pliers	478 BI
95	wire stripping pliers	479
96	round cable stripper	382
96	wire stripper	380
96	wire stripper	381
97	cable stripper	385
97	coax cable stripper	384
97	combination coax cable stripper	383
98	cable conectors	423.10B
98	cable conectors	423.10J
98	cable conectors	423.10R
98	female conectors	423.5B
98	female conectors	423.5R
98	female spade terminals	423.7B
98	female spade terminals	423.7J
98	female spade terminals	423.7R
98	insulated female spade terminals	423.8B
98	insulated female spade terminals	423.8J
98	insulated female spade terminals	423.8R
98	male and female terminals	423.9B
98	male and female terminals	423.9R
98	male conectors	423.4B
98	male conectors	423.4R
98	male spade terminals	423.6B
98	male spade terminals	423.6J
98	male spade terminals	423.6R
98	pin terminals	423.3B
98	pin terminals	423.3J
98	pin terminals	423.3R
98	rapid conectors	423.11B
98	rapid conectors	423.11R
98	ring terminals	423.1B
98	ring terminals	423.1J
98	ring terminals	423.1R
98	spade terminals	423.2B
98	spade terminals	423.2J
98	spade terminals	423.2R
99	crimping pliers	425 A
99	crimping pliers	425 AB
99	crimping pliers	425 B
99	set of crimping pliers with terminals	965/12
100	crimping pliers	424
100	telephone pliers	503 A
100	telephone pliers	503
101	crimp lever pliers	428
101	crimp-grip pliers	426 A
101	crimp-grip pliers	426 B
101	set of crimp-grip pliers with terminals	965/11
101	spare head for 428	428.1
102	double groove joint pliers	443
102	double groove joint pliers	444
102	double groove joint pliers	445 BI
103	set of variable joint HYPO pliers	400/8
103	variable joint HYPO pliers	442
104	double groove joint pliers	448
104	slip joint waterpump pliers	440
104	slip joint waterpump pliers	441
104	wheel and rack waterpump pliers, box joint	446
105	set of waterpump box joint pliers on carton display	400/5
105	waterpump box joint pliers	447/1
105	waterpump box joint pliers	447
106	external lock rings pliers, straight	532/1
106	external lock rings pliers, straight	532/4
106	external lock rings pliers, straight	532
107	external lock rings pliers, bent	534
107	external lock rings pliers, bent	534/4
107	external lock rings pliers, bent	534/1
108	internal lock rings pliers, straight	536/1
108	internal lock rings pliers, straight	536/4
108	internal lock rings pliers, straight	536
109	internal lock rings pliers, bent	538/1
109	internal lock rings pliers, bent	538/4
109	internal lock rings pliers, bent	538
110	lock rings pliers set	539
110	revolving punch pliers with 6 punches	557.558
110	spare punches for 557	557.1
111	carpenter's pincers	530/4
111	carpenter's pincers	530
111	heavy duty tower pincers	529
111	tile pincers	527
112	set of tower pincers on carton display	400/6
112	tower pincers	531/4
112	tower pincers	531

PLIERS

POWER IN YOUR HAND

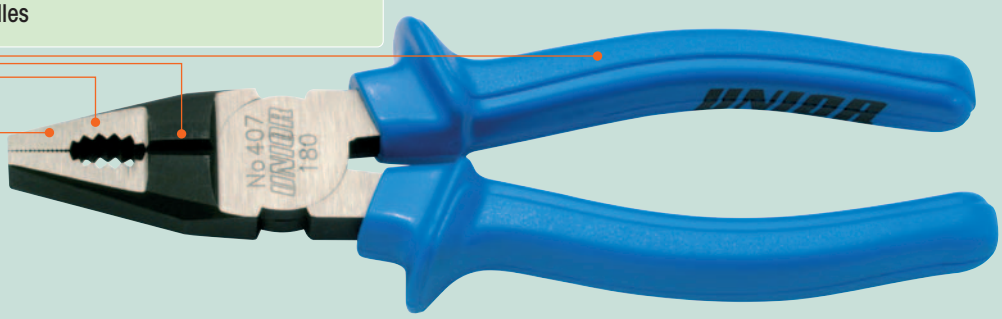
FEATURES OF UNIOR'S PLIERS

THREE LINE:

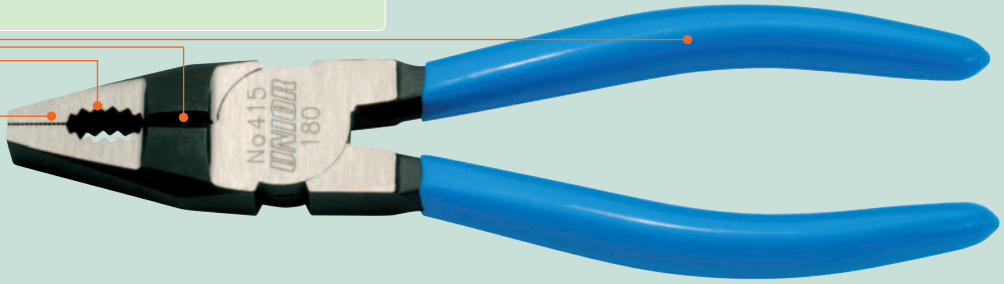
The items with blue color handles are not available for sale in the USA and Canada. Items can be supplied with red color handles.

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered
* cutting edges induction hardened
* head polished
* surface finish: crome plated
* heavy duty double - component handles
* jet stamp UNIOR

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered
* cutting edges induction hardened
* head ground
* surface finish: phosphatized
* heavy duty plastic handles

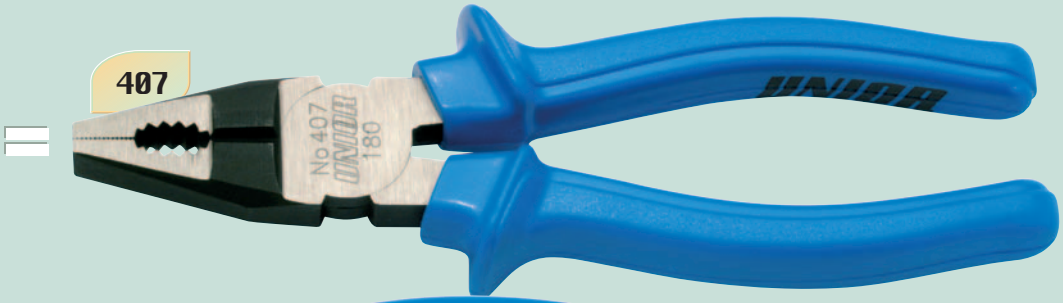


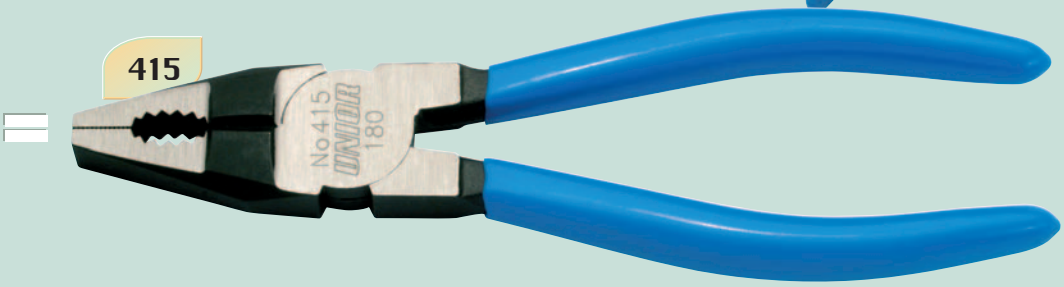
* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered
* cutting edges induction hardened
* head ground
* surface finish: phosphatized
* handles plastic dipped



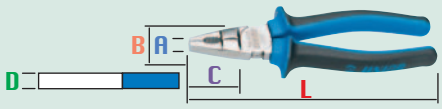
Cutting capacities of pliers are by article

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.





405 BI — COMBINATION PLIERS



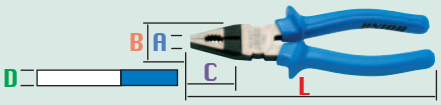
DIN ISO 5746

Code	L	A	B	C	D		
607867	160	5.5	24	35	9.5	200	10
607868	180	5.8	27	38	10	250	10
607869	200	7	29	41	10.5	310	10

cutting capacities

Dim.	soft wire CuSn6 (ISO427) 740 - 830 N/mm²	medium hard wire 1600 N/mm²
160	Ø 1 mm	Ø 1,6 mm
180	Ø 1 mm	Ø 1,6 mm
200	Ø 1 mm	Ø 1,6 mm

407 — COMBINATION PLIERS

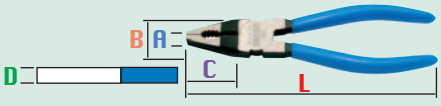


DIN ISO 5746

Code	L	A	B	C	D		
608668	160	5.5	24	35	9,5	200	10
608669	180	5.8	27	38	10.0	250	10
608670	200	7.0	29	41	10.5	310	10

cutting capacities same as 405 BI

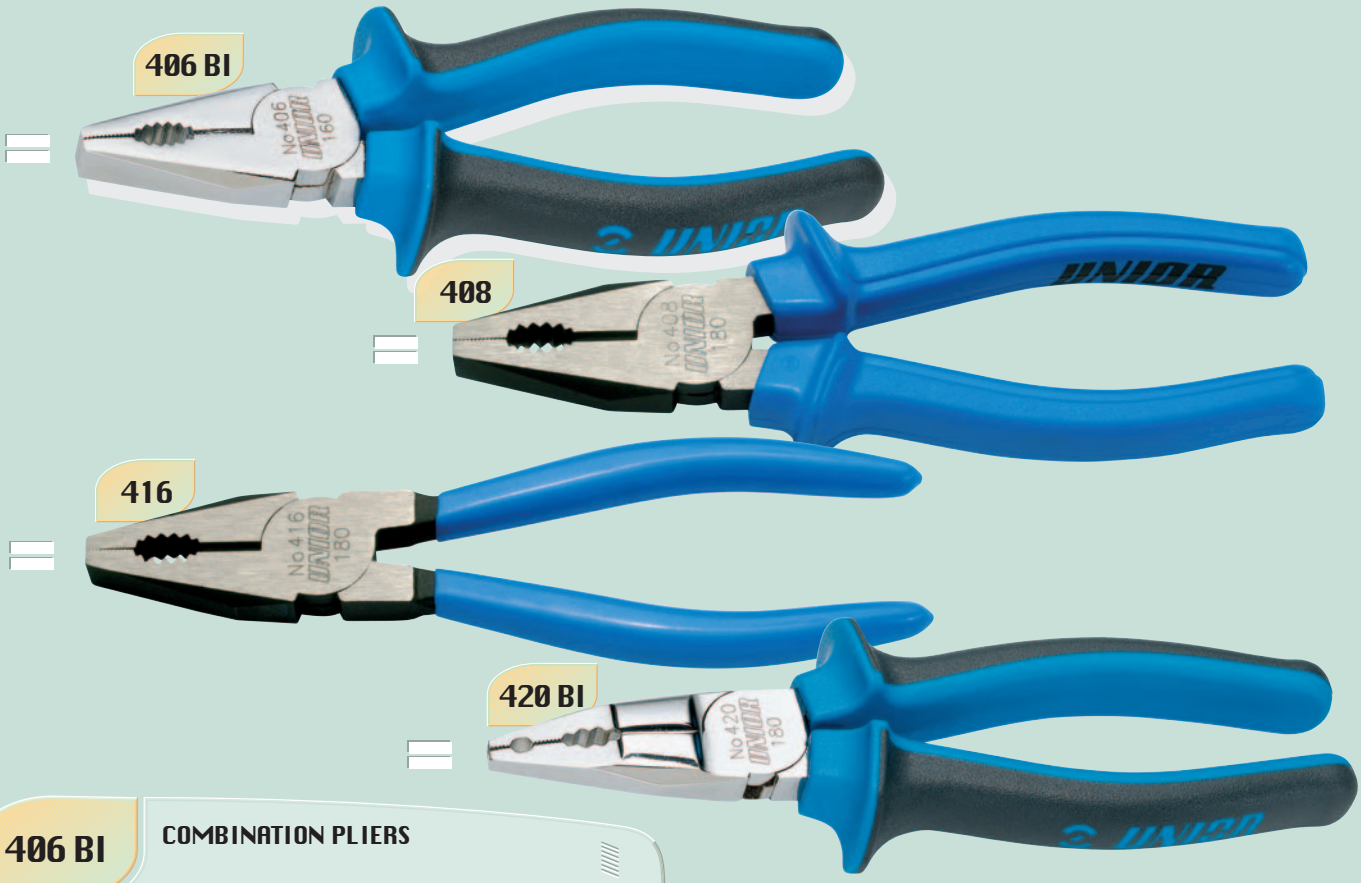
415 — COMBINATION PLIERS



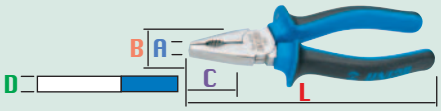
DIN ISO 5746

Code	L	A	B	C	D		
608678	160	5,5	24	35	9,5	200	10
608679	180	5,8	27	38	10.0	250	10
608680	200	7,0	29	41	10,5	310	10

cutting capacities same as 405 BI



406 BI COMBINATION PLIERS



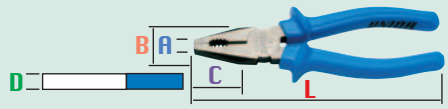
DIN ISO 5746

Code	L	A	B	C	D		
607870	160	5.5	24	35	9.5	200	10
607871	180	5.8	27	38	10	250	10
607872	200	7	29	41	10.5	310	10
608354	220	8	32	47	11	390	10

cutting capacities

Dim.	soft wire CuSn6 (ISO427) 740 - 830 N/mm²	medium hard wire 1600 N/mm²
160	Ø 1 mm	Ø 1,6 mm
180	Ø 1 mm	Ø 1,6 mm
200	Ø 1 mm	Ø 1,6 mm
220	Ø 1 mm	Ø 1,6 mm

408 COMBINATION PLIERS

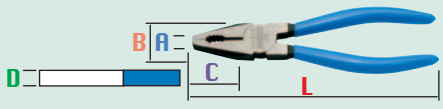


DIN ISO 5746

Code	L	A	B	C	D		
608673	140	5	23	32	8	160	10
608674	160	5.5	24	35	9.5	200	10
608675	180	5.8	27	38	10	250	10
608676	200	7	29	41	10.5	310	10
608677	220	8	32	47	11	390	10

cutting capacities same as 406 BI

416 COMBINATION PLIERS

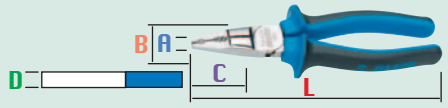


DIN ISO 5746

Code	L	A	B	C	D		
608681	140	5	23	32	8	160	10
608682	160	5.5	24	35	9.5	200	10
608683	180	5.8	27	38	10	250	10
608684	200	7	29	41	10.5	310	10
608685	220	8	32	47	11	390	10

cutting capacities same as 406 BI

420 BI LINEMEN`S PLIERS

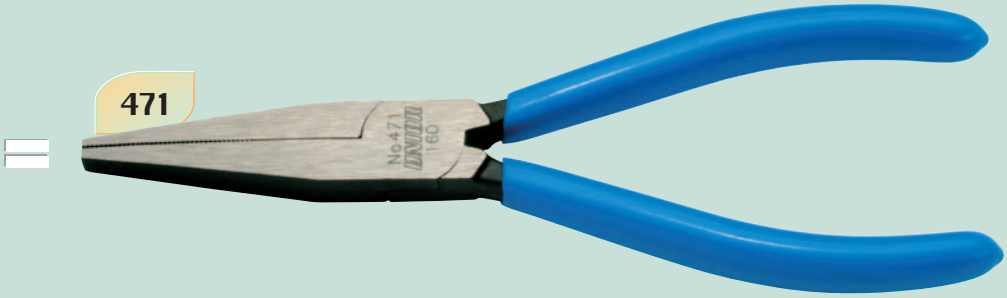


DIN ISO 5746

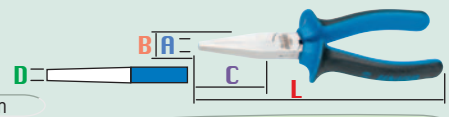
Code	L	A	B	C	D		
607873	180	6	24	45	11	220	10

cutting capacities

Dim.	soft wire CuSn6 (ISO427) 740 - 830 N/mm²	medium hard wire 1600 N/mm²
180	Ø 1 mm	Ø 1,6 mm



472 BI LONG FLAT NOSE PLIERS

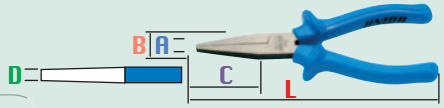


DIN ISO 5745–long form

Code	L	A	B	C	D		
607878	140	2.5	15	39*	8	120	10
607879	160	3.0	16	49	9	145	10

* flat long jaws * gripping surface serrated

473 LONG FLAT NOSE PLIERS

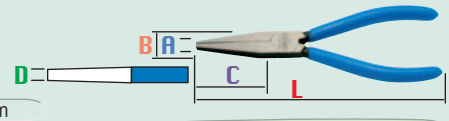


DIN ISO 5745–long form

Code	L	A	B	C	D		
608704	140	2.5	15	39*	8	120	10
608705	160	3.0	16	49	9	145	10

* flat long jaws * gripping surface serrated

471 LONG FLAT NOSE PLIERS



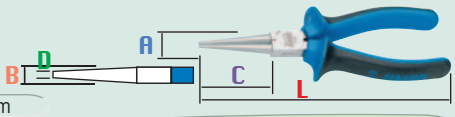
DIN ISO 5745–long form

Code	L	A	B	C	D		
608702	140	2.5	15	39*	8	120	10
608703	160	3.0	16	49	9	145	10

* flat long jaws * gripping surface serrated

*dimension does not correspond with standard DIN ISO 5745-long type

476 BI LONG ROUND NOSE PLIERS

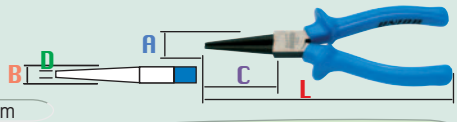


DIN ISO 5745–long form

Code	L	A	B	C	D		
607880	140	15	9	39	2.0	100	10
607881	160	16	10	49	2.5	130	10

*long round jaws

477 LONG ROUND NOSE PLIERS

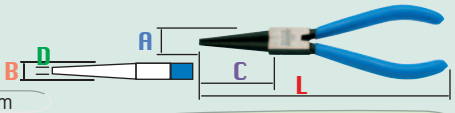


DIN ISO 5745–long form

Code	L	A	B	C	D		
608708	140	15	9	39	2.0	100	10
608709	160	16	10	49	2.5	130	10

*long round jaws

474 LONG ROUND NOSE PLIERS



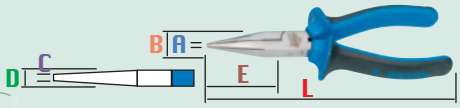
DIN ISO 5745–long form

Code	L	A	B	C	D		
608706	140	15	9	39	2.0	100	10
608707	160	16	10	49	2.5	130	10

*long round jaws

506 BI

LONG NOSE PLIERS WITH SIDE CUTTER



DIN ISO 5745

Code	L	A	B	C	D	E		
607874	140	2.5	15	2	8	39	110	10
607875	160	3.2	16	2.5	9	49	150	10

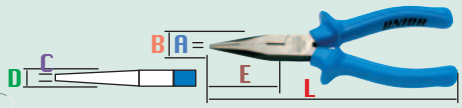
cutting capacities

Dim.	soft wire CuSn6 (ISO427) 740 - 830 N/mm²	medium hard wire 1600 N/mm²
140	Ø 1 mm	Ø 1,6 mm
160	Ø 1 mm	Ø 1,6 mm

* gripping surface serrated * half-round, serrated jaws

504

LONG NOSE PLIERS WITH SIDE CUTTER



DIN ISO 5745

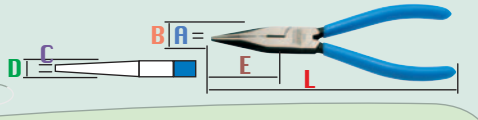
Code	L	A	B	C	D	E		
608712	140	2.5	15	2	8	39	110	10
608713	160	3.2	16	2.5	9	49	150	10

cutting capacities same as 506 BI

* gripping surface serrated * half-round jaws

505

LONG NOSE PLIERS WITH SIDE CUTTER

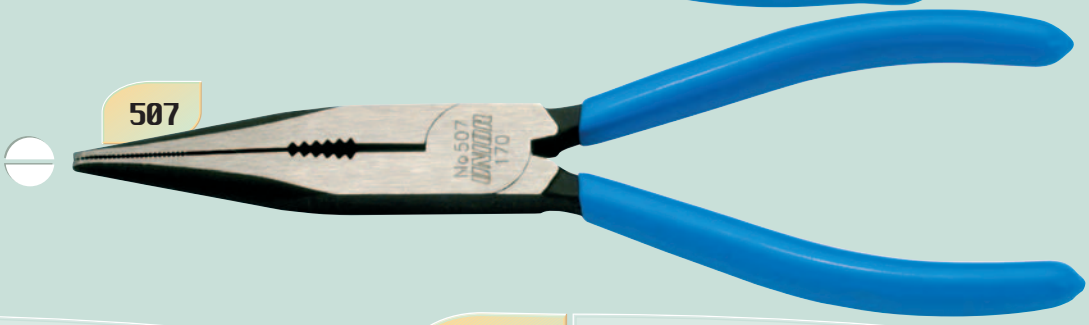


DIN ISO 5745

Code	L	A	B	C	D	E		
608716	140	2.5	15	2	8	39	110	10
608717	160	3.2	16	2.5	9	49	150	10

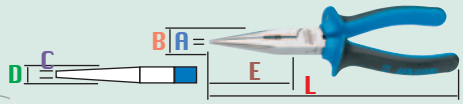
cutting capacities same as 506 BI

* gripping surface serrated * half-round jaws



508 BI

LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, STRAIGHT



DIN ISO 5745

Code	L	A	B	C	D	E		
607876	170	3.0	17	2.5	9	61	160	10
607877	200	3.0	17	2.5	9	77	180	10

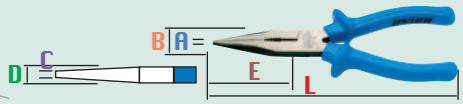
cutting capacities

Dim.	soft wire CuSn6 (ISO427) 740 - 830 N/mm²	medium hard wire 1600 N/mm²
170	Ø 1 mm	Ø 1,6 mm
200	Ø 1 mm	Ø 1,6 mm

* gripping surface serrated * half-round, serrated jaws

502

LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, STRAIGHT



DIN ISO 5745

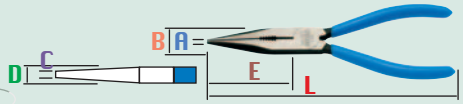
Code	L	A	B	C	D	E		
608710	170	3.0	17	2.5	9	61	160	10
608711	200	3.0	17	2.5	9	77	180	10

cutting capacities same as 508 BI

* gripping surface serrated * half-round, serrated jaws

507

LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, STRAIGHT



DIN ISO 5745

Code	L	A	B	C	D	E		
608714	170	3.0	17	2.5	9	61	160	10
608715	200	3.0	17	2.5	9	77	180	10

cutting capacities same as 508 BI

* gripping surface serrated * half-round, serrated jaws

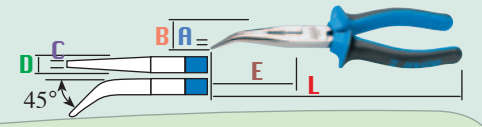
512 BI

513

510

512 BI

LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, BENT



Code	L	A	B	C	D	E		
607966	170	3.0	17	2.5	9	61	160	10
607967	200	3.0	17	2.5	9	77	180	10

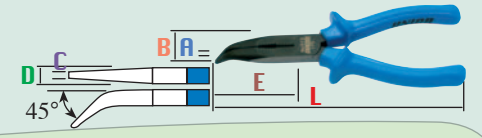
cutting capacities

Dim.	soft wire CuSn6 (ISO427) 740 - 830 N/mm²	medium hard wire 1600 N/mm²
170	Ø 1 mm	Ø 1,6 mm
200	Ø 1 mm	Ø 1,6 mm

* gripping surface serrated * half-round jaws
* jaws bent to an angle of 45°

513

LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, BENT



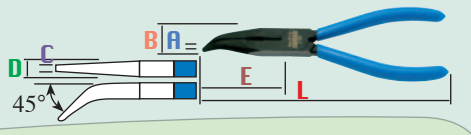
Code	L	A	B	C	D	E		
608720	170	3.0	17	2.5	9	61	160	10
608721	200	3.0	17	2.5	9	77	180	10

cutting capacities same as 512 BI

* gripping surface serrated * half-round jaws
* jaws bent to an angle of 45°

510

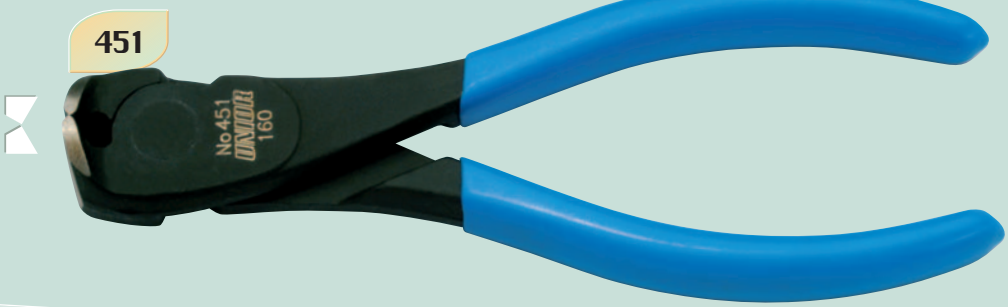
LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, BENT



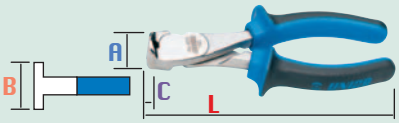
Code	L	A	B	C	D	E		
608718	170	3.0	17	2.5	9	61	160	10
608719	200	3.0	17	2.5	9	77	180	10

cutting capacities same as 512 BI

* gripping surface serrated * half-round jaws
* jaws bent to an angle of 45°



455 BI — END CUTTING NIPPERS



DIN ISO 5748

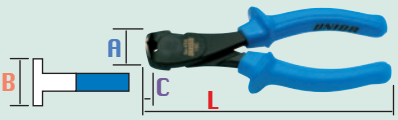
Code	L	A	B	C		
609192	160	27	22	7	200	10

cutting capacities

Dim.	hard wire 2 200 N/mm²
160	Ø 1,6 mm

* material: Ck 60 * are also suitable for nipping piano wire

456 — END CUTTING NIPPERS



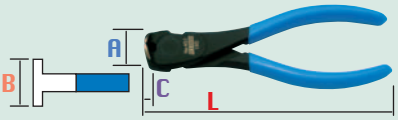
DIN ISO 5748

Code	L	A	B	C		
608694	160	27	22	7	200	10

cutting capacities same as 455 BI

* material: Ck 60 * are also suitable for nipping piano wire

451 — END CUTTING NIPPERS

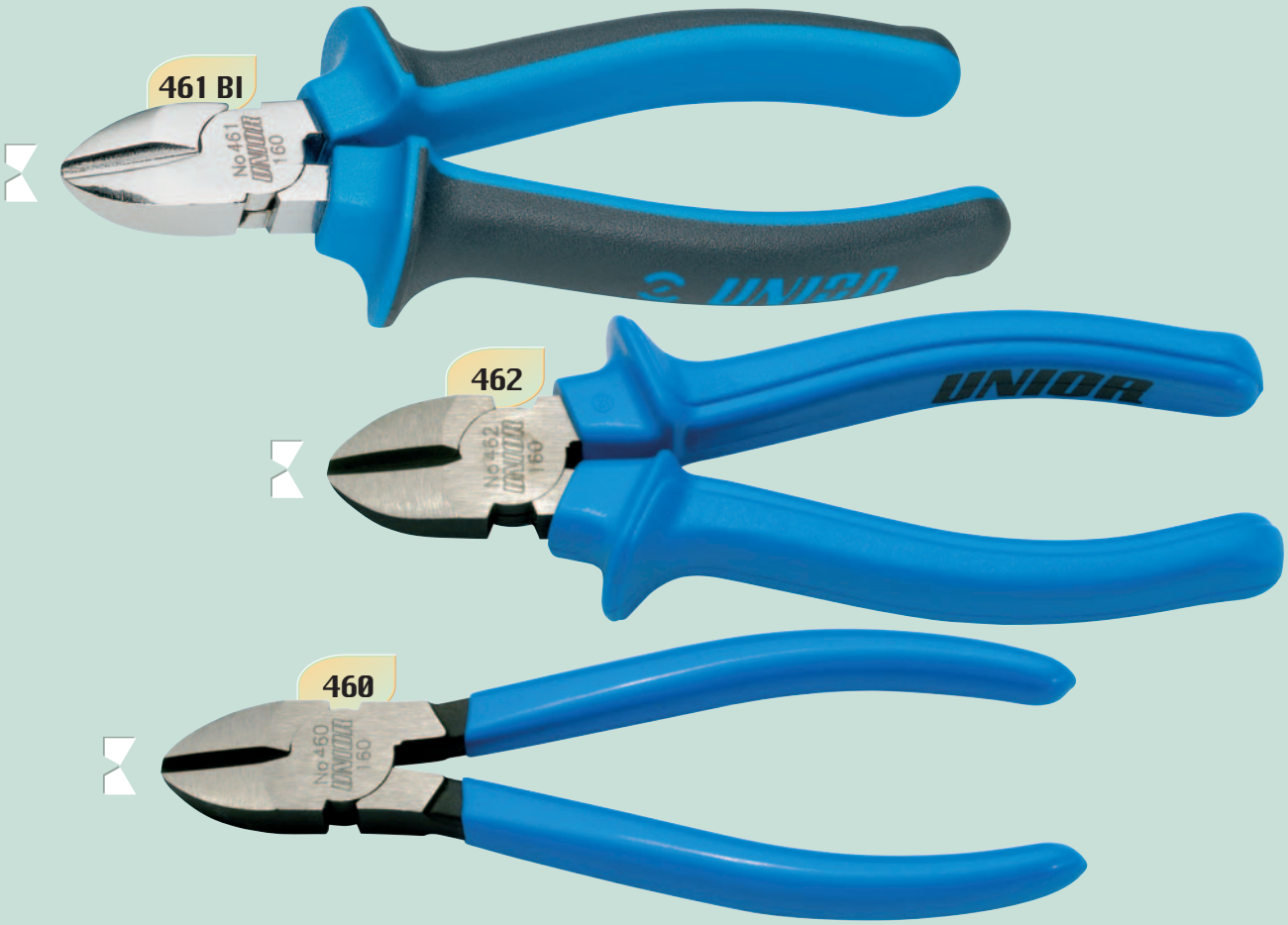


DIN ISO 5748

Code	L	A	B	C		
608693	160	27	22	7	200	10

cutting capacities same as 455 BI

* material: Ck 60 * are also suitable for nipping piano wire



461 BI DIAGONAL CUTTING NIPPERS

DIN ISO 5749

Code	L	A	B	C		
607883	140	19.0	9.5	18	150	10
607884	160	22.5	10.0	22	180	10

cutting capacities

Dim.	soft wire Cu-ETP (ISO1337) 210 - 250 N/mm²	medium soft wire 1600 N/mm²
140, 160	Ø0,5 mm	Ø 1,6 mm

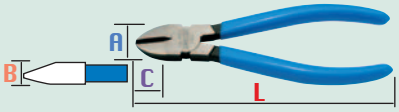
462 DIAGONAL CUTTING NIPPERS

DIN ISO 5749

Code	L	A	B	C		
608697	140	19.0	9.5	18	150	10
608698	160	22.5	10.0	22	180	10

cutting capacities same as 461 BI

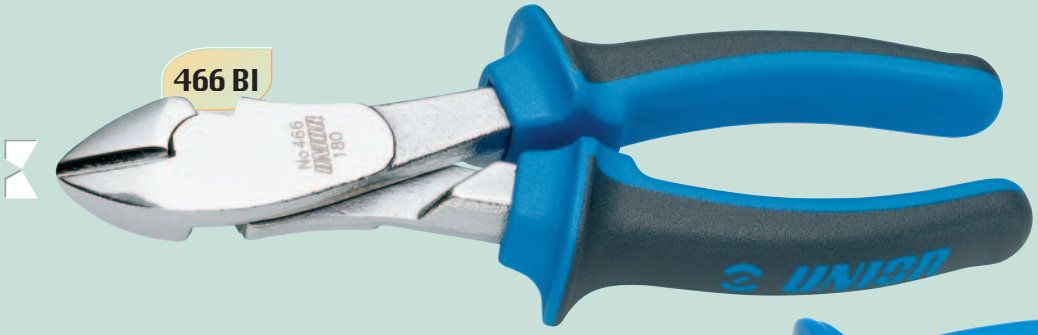
460 DIAGONAL CUTTING NIPPERS

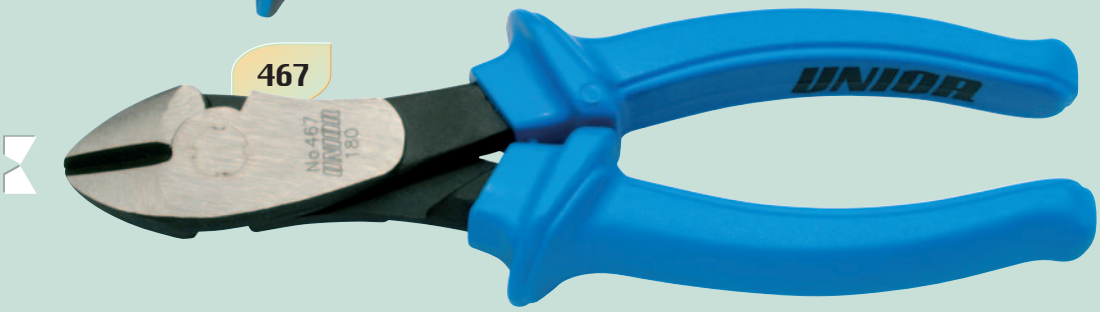


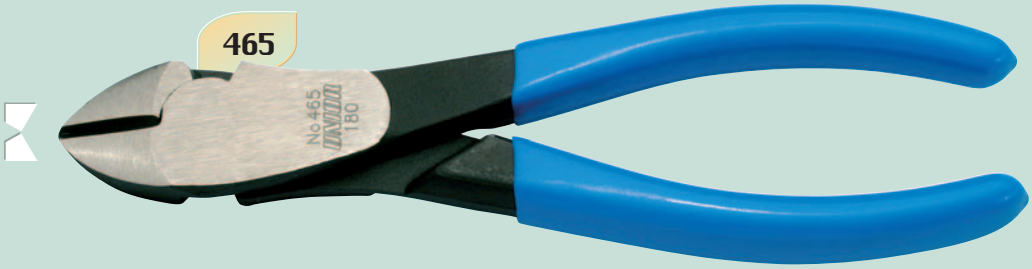
DIN ISO 5749

Code	L	A	B	C		
608695	140	19.0	9.5	18	150	10
608696	160	22.5	10.0	22	180	10

cutting capacities same as 461 BI







466 BI

HEAVY DUTY DIAGONAL CUTTING NIPPERS

DIN ISO 5749

Code	L	A	B	C		
608850	180	28	11	20	310	10
608837	200	27	11	21	293	10

cutting capacities

Dim.	soft wire CuSn6 (ISO427) 740 - 830 N/mm²	hard wire 2150 N/mm²
180	Ø 1 mm	Ø 1,8 mm
200	Ø 1 mm	Ø 2 mm

467

HEAVY DUTY DIAGONAL CUTTING NIPPERS

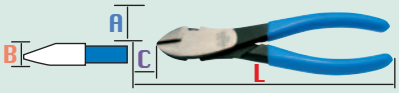
DIN ISO 5749

Code	L	A	B	C		
608700	180	28	11	20	310	10
609190	200	27	11	21	293	10

cutting capacities same as 466 BI

465

HEAVY DUTY DIAGONAL CUTTING NIPPERS



DIN ISO 5749

Code	L	A	B	C		
608699	180	28	11	20	310	10
609191	200	27	11	21	293	10

cutting capacities same as 466 BI

900/1 BI

PAGE 259

400/2

900/1 BI — SET OF BI PLIERS IN PLASTIC BOX

Code	SET/pcs		
608480	5	1600	1

CONTENTS:

Code	mm	pcs
406 BI	180	1
461 BI	160	1
478 BI	160	1
506 BI	160	1
512 BI	170	1

400/2 — SET OF BI PLIERS ON CARTON DISPLAY

Code	SET/pcs		
609357	20	3780	1

CONTENTS:

Code	mm	pcs
406 BI	180	5
406 BI	200	5
461 BI	160	5
508 BI	170	5

418

509 BI

431

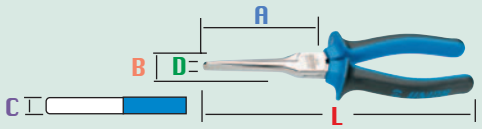
418 COMBINATION SLIP - JOINT PLIERS FOR GAS TUBES

DIN ISO 9343

Code	L	A	B	C		
601262	160	5	9	28	170	10
601263	180	5	10	30	250	10

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * with wire cutter
* two possibilities for jaw setting * surface finish: chrome plated

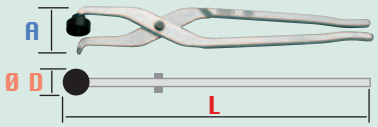
509 BI DUCKBILL PLIERS



Code	L	A	B	C	D		
605585	200	70	17	9	2	145	10

* used in textile industry

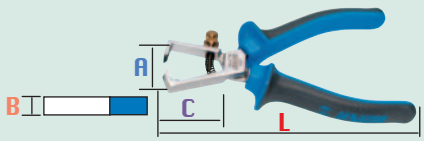
431 BRAKE SPRING PLIERS



Code	L	A	Ø D		
601554	325	53	25	405	5

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * loose oil hardened head, phosphatized
* surface finish: chrome plated

478 BI WIRE STRIPPING PLIERS



Code	L	mm²	A	B	C		
607882	160	0.6-10	18	9	40	170	10

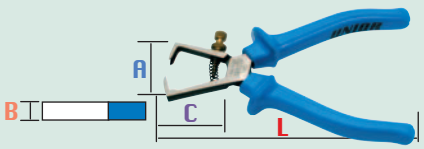
* stripping capacity: up to max 0.6 mm²-10 mm² * spring for reopening

479 WIRE STRIPPING PLIERS

Code	mm²	L		
601134	A0.5 - 1.2-1.6-2	160	260	10
601135	B1 - 1.6 - 2- 2.6 - 3.2	160	260	10

* interchangeable blades for various insulated wire cross – sections
* when stripping insulation wire remains undamaged
* cable (insulated wire) to be put into the proper blade opening
* heavy duty plastic handles

469 WIRE STRIPPING PLIERS

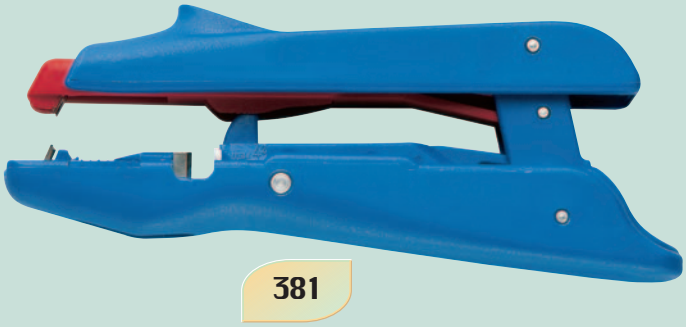


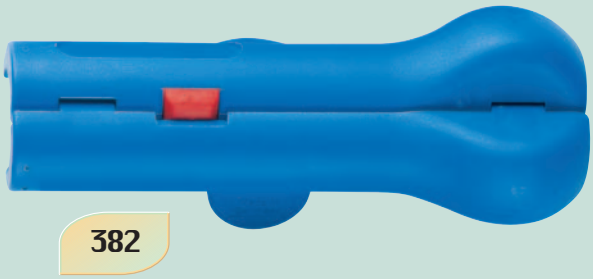
Code	L	mm²	A	B	C		
608701	160	0.6-10	18	9	40	170	10

* stripping capacity: up to max 0.6 mm²-10 mm²* spring for reopening

479.1 SPARE CUTTERS

Code	Dim.–form	
602048	A0.5 - 1.2-1.6-2	1
602049	B1 - 1.6 - 2- 2.6 - 3.2	1





380 WIRE STRIPPER

* fully insulated automatic wire stripper for all common stranded and solid conductors of 0,2-6 mm^2
* adjustable lenght stop of 5-12 mm^2
* easily accessible built-in side cutter for max. 2 mm Ø

Code	mm^2		
610925	0,2 - 6	109	10

382 ROUND CABLE STRIPPER

* for round and continental type cables of 8 to 13 mm^2 Ø
* flush stripping even in hard-to-reach areas
* need no adjustment of the cutting deph

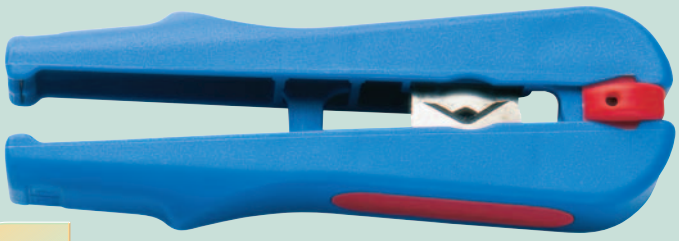
Code	mmØ		
610927	8 - 13	43	10

381 WIRE STRIPPER

* fully insulated automatic wire stripper for all common stranded and solid conductors of 0,5-6 mm^2/20-0 AWG
* with integrated lenght scale of 8-20 mm
* the special scanning system adjust automaticaly to the wire diameter and allows fast and accurate stripping
* easily accessible built-in side cutter

Code	mm^2		
610926	0,5 - 6	112	10

96



383

384

385– hoock knife

385– straight knife

383 COMBINATION COAX CABLE STRIPPER

* tools allows stripping in easy steps of all common coaxial cables of 4,8-7,5 mm Ø and flexible cables (3x0,75 mm^2, 10 mm^2, 16 mm^2)
* need no adjustment of the cutting deph
* with an easily accessible side cutter

Code	mmØ		
610928	4,8 - 7,5	56	10

384 COAX CABLE STRIPPER

* two or three-level stripping of all common coaxial cables (antenna and transmission cables) of 4,8-7,5 mm Ø and flexible cables (3x0,75 mm^2, 10 mm^2, 16 mm^2)
* need no adjustment of the cutting deph

Code	mmØ		
610929	4,8 - 7,5	28	10

385 CABLE STRIPPER

* accurate, fast and save stripping of all common round cables of 4-28 mm Ø
* no damage of the inner conductors can occur due to infinitely variable adjustment of the cutting depht.
* inside of handles are spare swivel blade

Code	mmØ		
610930	4 - 28 hoock knife	82	10
610931	4 - 28 straight knife	82	10

97

423.1R

RING TERMINALS

Code	A	mm²	L	
609193	3	0.5 - 1.5	17	20
609194	4	0.5 - 1.5	17	20
609195	5	0.5 - 1.5	20	20

423.1B

RING TERMINALS

Code	A	mm²	L	
609196	4	1.5 - 2.5	22	20
609197	5	1.5 - 2.5	22	20
609198	6	1.5 - 2.5	27	20
609199	8	1.5 - 2.5	27	20

423.1J

RING TERMINALS

Code	A	mm²	L	
609200	5	2.5 - 6	26	20
609201	6	2.5 - 6	31	20
609202	8	2.5 - 6	34	20
609203	10	2.5 - 6	34	20

423.2R

SPADE TERMINALS

Code	A	mm²	L	
609204	3	0.5 - 1.5	21	20
609205	4	0.5 - 1.5	21	20
609206	5	0.5 - 1.5	21	20

423.2B

SPADE TERMINALS

Code	A	mm²	L	
609207	4	1.5 - 2.5	21	20
609208	5	1.5 - 2.5	21	20

423.2J

SPADE TERMINALS

Code	A	mm²	L	
609209	4	2.5 - 6	25	20
609210	5	2.5 - 6	25	20
609211	6	2.5 - 6	25	20

423.3R

PIN TERMINALS

Code	A	mm²	L	
609212	1.9	0.5 - 1.5	21	20

423.3B

PIN TERMINALS

Code	A	mm²	L	
609213	1.9	1.5 - 2.5	21	20

423.3J

PIN TERMINALS

Code	A	mm²	L	
609214	2.8	2.5 - 6	25	20

423.4R

MALE CONECTORS

Code	A	mm²	L	
609215	4	0.5 - 1.5	21	20

423.4B

MALE CONECTORS

Code	A	mm²	L	
609216	5	1.5 - 2.5	21	20

423.5R

FEMALE CONECTORS

Code	A	mm²	L	
609217	4	0.5 - 1.5	24	20

423.5B

FEMALE CONECTORS

Code	A	mm²	L	
609218	5	1.5 - 2.5	24	20

423.6R

MALE SPADE TERMINALS

Code	A	B	mm²	L	
609219	6.3x0.8		0.5 - 1.5	22	20

423.6B

MALE SPADE TERMINALS

Code	A	B	mm²	L	
609220	6.3x0.8		1.5 - 2.5	22	20

423.6J

MALE SPADE TERMINALS

Code	A	B	mm²	L	
609221	6.3x0.8		2.5 - 6	22	20

423.7R

FEMALE SPADE TERMINALS

Code	A	B	mm²	L	
609222	2.8x0.5		0.5 - 1.5	20	20
609223	6.3x0.8		0.5 - 1.5	22	20

423.7B

FEMALE SPADE TERMINALS

Code	A	B	mm²	L	
609224	6.3x0.8		1.5 - 2.5	22	20

423.7J

FEMALE SPADE TERMINALS

Code	A	B	mm²	L	
609225	6.3x0.8		2.5 - 6	22	20

423.8R

INSULATED FEMALE SPADE TERMINALS

Code	A	B	mm²	L	
609226	6.3x0.8		0.5 - 1.5	23	20

423.8B

INSULATED FEMALE SPADE TERMINALS

Code	A	B	mm²	L	
609227	6.3x0.8		1.5 - 2.5	24	20

423.8J

INSULATEDFEMALE SPADE TERMINALS

Code	A	B	mm²	L	
609228	6.3x0.8		2.5 - 6	24	20

423.9R

MALE AND FEMALE TERMINALS

Code	A	B	mm²	L	
609229	6.3x0.8		0.5 - 1.5	22	20

423.9B

MALE AND FEMALE TERMINALS

Code	A	B	mm²	L	
609230	6.3x0.8		1.5 - 2.5	22	20

423.10R

CABLE CONECTORS

Code	A	mm²	L	
609231	1.6	0.5 - 1.5	25	20

423.10B

CABLE CONECTORS

Code	A	mm²	L	
609232	2.3	1.5 - 2.5	26	20

423.10J

CABLE CONECTORS

Code	A	mm²	L	
609233	3.6	2.5 - 6	26	20

423.11R

RAPID CONECTORS

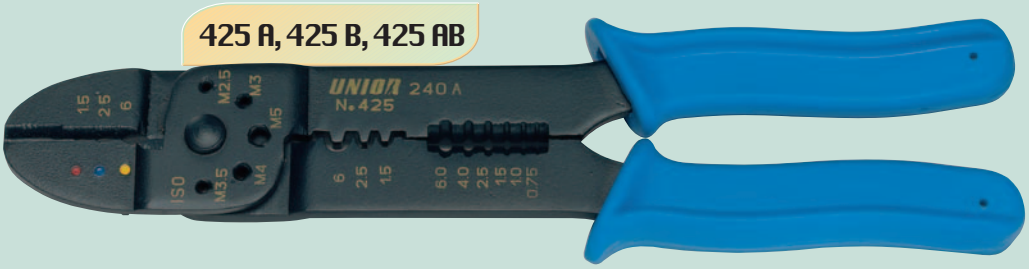
Code	mm²	L	
609234	0.5 - 1.5	20	20

423.11B

RAPID CONECTORS

Code	mm²	L	
609235	1.5 - 2.5	20	20

425 A, 425 B, 425 AB



965/12

425 A — CRIMPING PLIERS

* for insulated terminals
* cuts and strips wire * surface finish: lacquered
* heavy duty plastic handles

Code	mm²	L		
601136	1.5-2.5-6	240	300	5

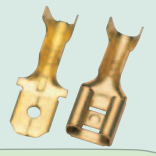
965/12 — SET OF CRIMPING PLIERS WITH TERMINALS

Code	SET/pcs		
609355	281	800	1

CONTENTS:

Code	dim.	pcs
425A	240	1
423.1R	3	20
423.1R	5	20
423.1B	4	20
423.1B	6	20
423.1J	5	20
423.1J	8	20
423.2R	4	20
423.2B	4	20
423.3R	1.9	20
423.3B	1.9	20
423.3J	2.8	20
423.5B	5	20
423.7R	6.3	20
423.7B	6.3	20

425 B — CRIMPING PLIERS



* for non insulated terminals
* cuts and strips wire * surface finish: lacquered
* heavy duty plastic handles

Code	mm²	L		
601137	1.5-2.5-6	240	300	5

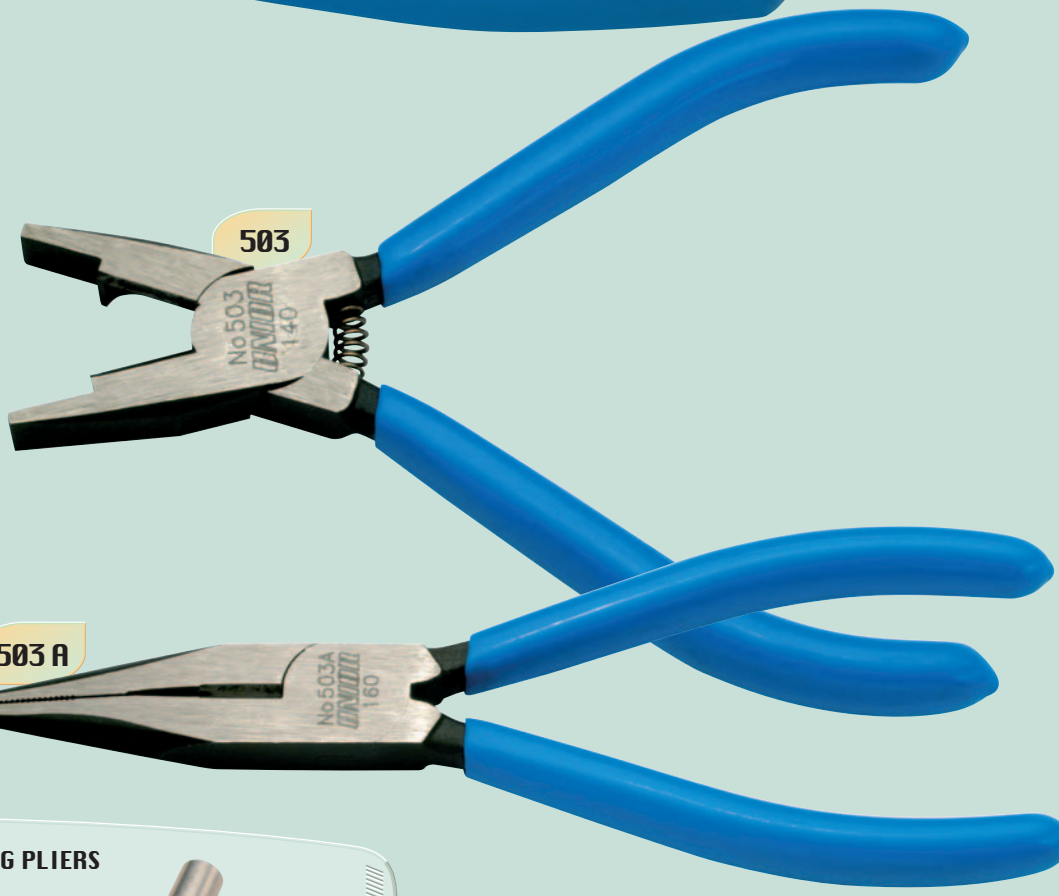
425 AB — CRIMPING PLIERS

* for non insulated terminals
* cuts and strips wire * surface finish: lacquered
* heavy duty plastic handles

Code	mm²	L		
605806	1.5-2.5-6	240	300	5

424

503



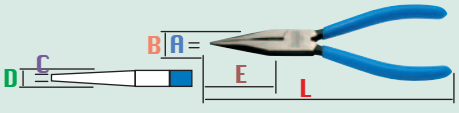
503 A

424 CRIMPING PLIERS

* surface finish: chrome polished * handles plastic dipped
* for non insulated terminals

Code	mm²	L		
607949	0.5-2.5	140	150	10
607950	0.5-16	180	250	10

503 A TELEPHONE PLIERS

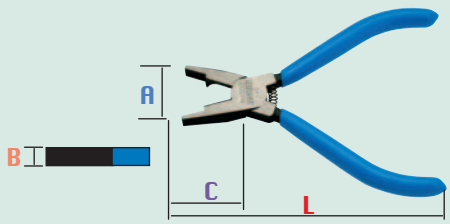


Code	L	A	B	C	D	E		
607330	160	3.2	16	0.8	9	49	150	10

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * cutting edges induction hardened
* head ground * surface finish: phosphatized * handles plastic dipped

cutting capacities same as 503

503 TELEPHONE PLIERS



Code	L	A	B	C		
607863	140	17	9	35	100	10

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * cutting edges induction hardened
* head ground * surface finish: phosphatized * handles plastic dipped

cutting capacities

Dim.	soft wire Cu-ETP (ISO1337) 210 - 250 N/mm²
140	Ø0,5 mm

426 A

965/11

426 B

428

426 A CRIMP-GRIP PLIERS

* toggle joint ensures high compression pressure with little effort
* tool steel jaws, oil hardened, phosphatized * handles nickel plated

Code	mm²	L		
601138	0.5-1,1.5-2.5,4-6	220	480	1

965/11 SET OF CRIMP-GRIP PLIERS WITH TERMINALS

Code	SET/pcs		
609356	281	984	1

CONTENTS:

Code	dim.	pcs
426A	220	1
423.1R	3	20
423.1R	5	20
423.1B	4	20
423.1B	6	20
423.1J	5	20
423.1J	8	20
423.2R	4	20
423.2B	4	20
423.3R	1.9	20
423.3B	1.9	20
423.3J	2.8	20
423.5B	5	20
423.7R	6.3	20
423.7B	6.3	20

426 B CRIMP-GRIP PLIERS

* for non insulated terminals
* toggle joint ensures high compression pressure with little effort
* tool steel jaws, oil hardened, phosphatized * handles nickel plated

Code	mm²	L		
601139	0.5-1,1.5-2.5,4-6,10	220	470	1

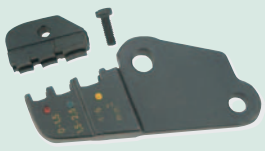
428 CRIMP LEVER PLIERS

* jaws drop forged from special tool steel * oil hardened
* toggle joint system * heavy duty plastic handles
* rechangeable head-spare part

Code	mm²	L		
602327	0.5-1.5,1.5-2.5,4-6	240	540	1

428.1 SPARE PARTS

* spare head



Code	
602328	1

445 BI DOUBLE GROOVE JOINT PLIERS

* grooved joint
* jaw aperture adjustable in 5 position by dim. 180 and 240, by dim. 300 in 6 position

DIN ISO 8976

Code	L	max Ø		
607885	180	25	170	10
607886	240	35	370	10
607887	300	40	650	5

444 DOUBLE GROOVE JOINT PLIERS

* grooved joint
* jaw aperture adjustable in 5 position by dim. 180 and 240, by dim. 300 in 6 position

DIN ISO 8976

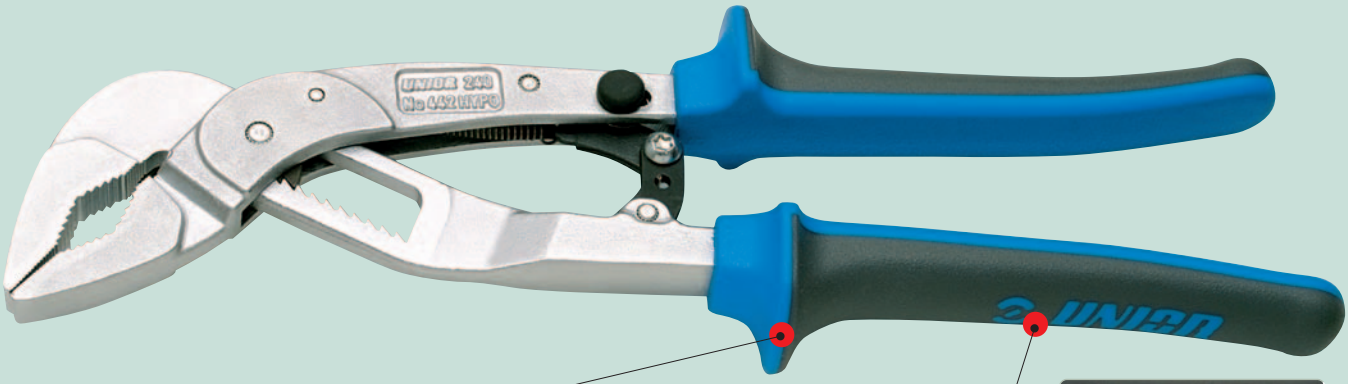
Code	L	max Ø		
608690	180	25	170	10
608691	240	35	370	10
608692	300	40	650	5

443 DOUBLE GROOVE JOINT PLIERS

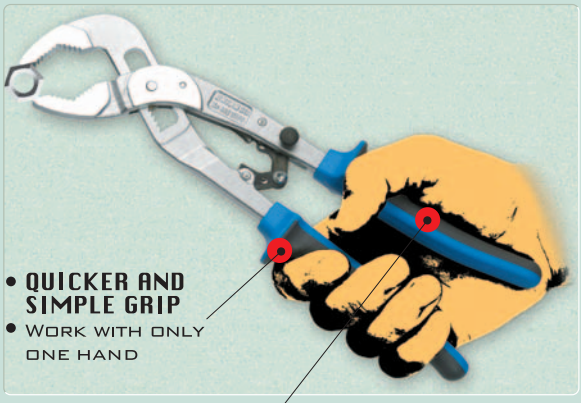
* grooved joint
* jaw aperture adjustable in 5 position by dim. 180 and 240, by dim. 300 in 6 position

DIN ISO 8976

Code	L	max Ø		
608687	180	25	170	10
608688	240	35	370	10
608689	300	40	650	5

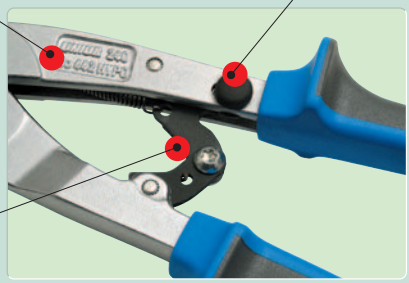


- **SAFETY**
- The slip guard prevents the hand from slipping
- **HIGH ENDURANCE**
- Jet marking "Unior"



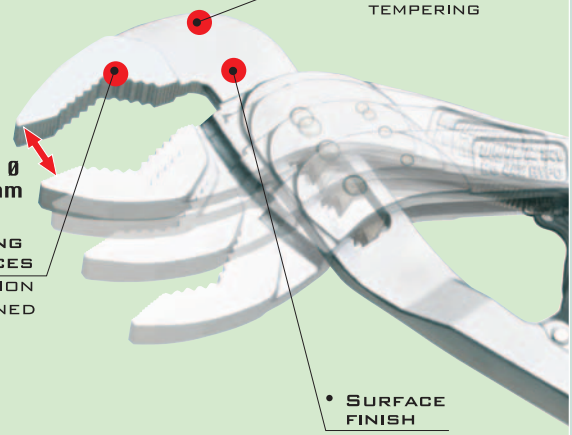
- **QUICKER AND SIMPLE GRIP**
- Work with only one hand
- **ERGONOMIC SHAPE**
- Heavy duty double - component handle
- Maximum adaptability to hand

- **HYPO 442**
- Closing button



- **CLOSING MECHANISM**
- Gripping the work piece is made easier

- **PERFECT ADAPTABILITY**
- to the work piece whatever the shape up to Ø 40 mm



- Special composition steel suitable for hardening and tempering
- Working surfaces induction hardened
- Surface finish chrome plated

- **HIGHER TORQUE**
- Compared to universal pliers

400/8 VARIABLE JOINT "HYPO" PLIERS ON CARTON DISPLAY

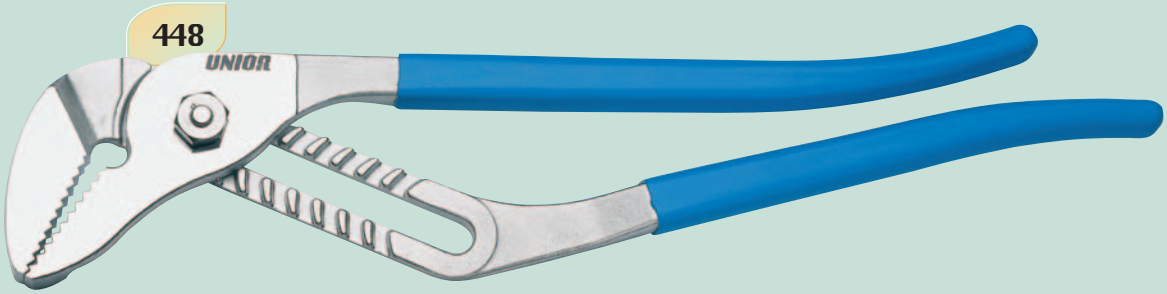
Code	SET/pcs		
612225	16	6410	1

442 VARIABLE JOINT " HYPO" PLIERS

* special composition steel suitable for hardening and tempering
* working surfaces induction hardened
* surface finish chrome plated

Code	L	max Ø		
611780	240	40	370	10

448



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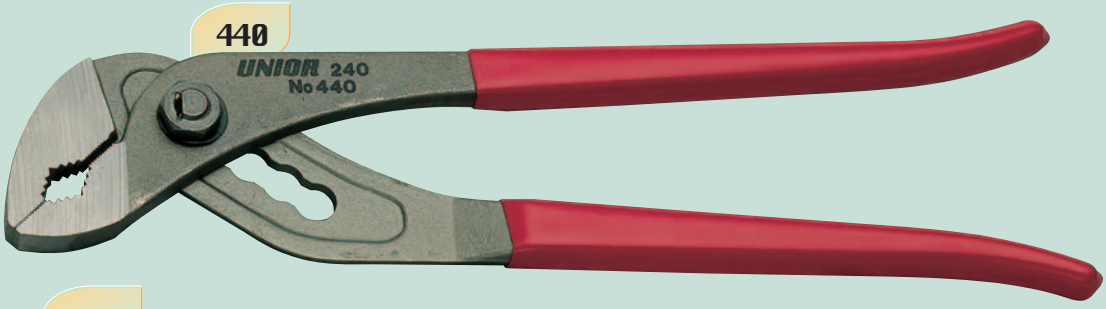

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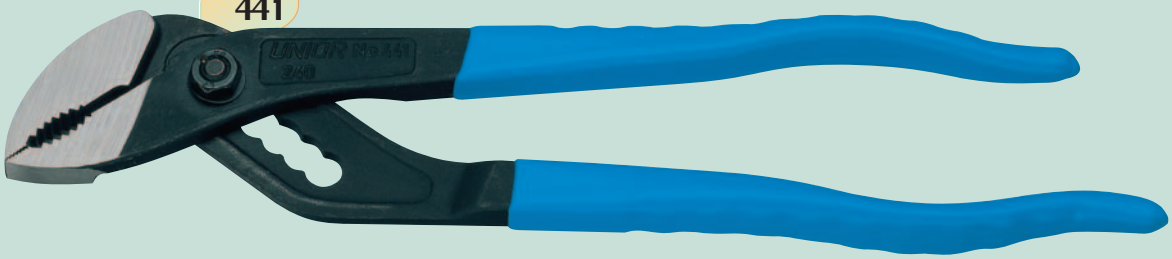

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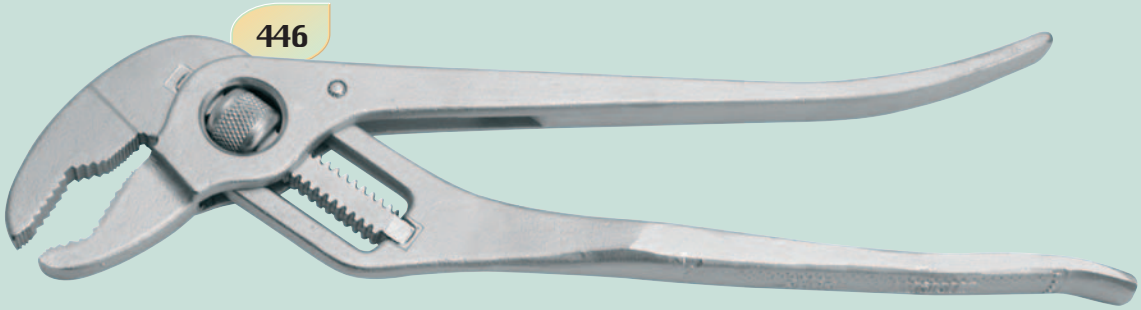


448 DOUBLE GROOVE JOINT PLIERS

* grooved joint
* jaw aperture adjustable in 11 position

Code	L	max Ø		
608213	410	105	1020	1

440 SLIP JOINT WATERPUMP PLIERS

* slip joint * jaw aperture adjustable in 5 position
* head ground * handles plastic dipped

Code	L	max Ø		
601464	240	35	320	10

441 SLIP JOINT WATERPUMP PLIERS

* slip joint * jaw aperture adjustable in 5 position * head ground
* head slimmer and longer * anti-slip design
* handles ergonomically shaped * handles plastic dipped

Code	L	max Ø		
608686	240	35	300	10

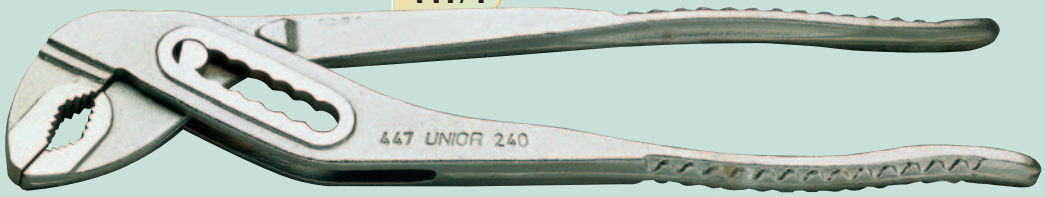
446 WHEEL AND RACK WATERPUMP PLIERS, BOX JOINT

* entirely chrome plated * infinitely jaw
* variable adjustment of opening jaws * special design of the opening results in good grip of round and multi cornered objects

Code	L	max Ø		
601461	260	35	450	10

447

447/1



447/1BI

447 WATERPUMP BOX JOINT PLIERS

* material: chrome vanadium * entirely hardened and tempered
* entirely lacquered * jaw aperture adjustable in 7 position

DIN ISO 8976

Code	L	max Ø		
607348	175	26.5	157	1
603160	240	35	300	1
605006	300	42	470	1

447/1 WATERPUMP BOX JOINT PLIERS

* material: chrome vanadium * entirely hardened and tempered
* chrome plated * jaw aperture adjustable in 7 position

DIN ISO 8976

Code	L	max Ø		
605237	240	35	300	1

447/1 BI WATERPUMP BOX JOINT PLIERS

*heavy duty double-component handles
*material: chrome vanadium
*entirely hardened and tempered
*teeth induction hardened
*jaw operture adjustable in 7 position

Code	L	max Ø		
610984	240	35	427	1

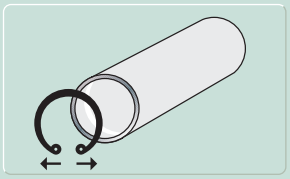
400/5 SET OF WATERPUMP BOX JOINT PLIERS ON CARTON DISPLAY

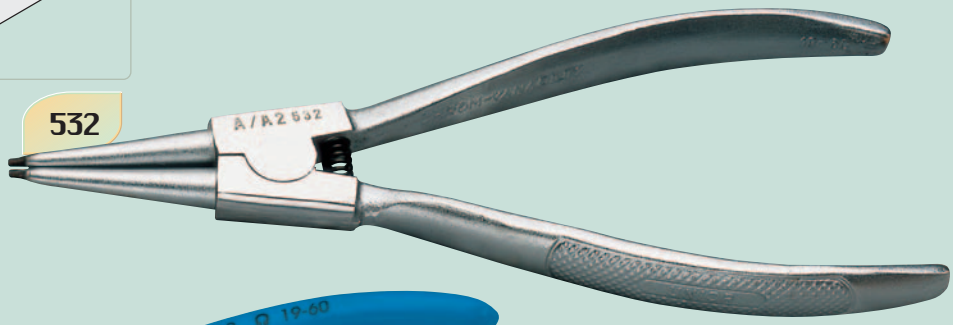
Code	SET/pcs		
609358	20	6100	1

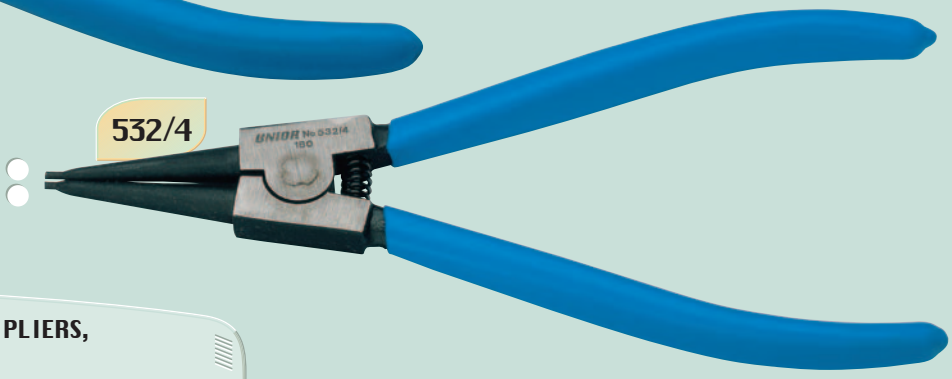
CONTENTS:

Art.	dim.	pcs
447	240	20

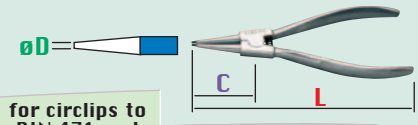
* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * tips burnished







532 EXTERNAL LOCK RINGS PLIERS, STRAIGHT

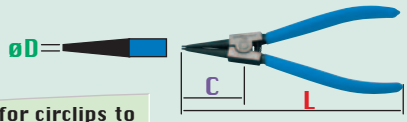


DIN 5254 form A

Code	L	Type	for circlips to DIN 471 and DIN 983 for shaft diameter	øD	C		
603153	140	A/A0	3 - 10	0.9	40*	100	10
601391	140	A/A1	10 - 25	1.3	40*	100	10
601392	180	A/A2	19 - 60	1.8	52*	180	10
601393	220	A/A3	40 - 100	2.3	63	250	5

* head polished * surface finish: chrome plated

532/4 EXTERNAL LOCK RINGS PLIERS, STRAIGHT

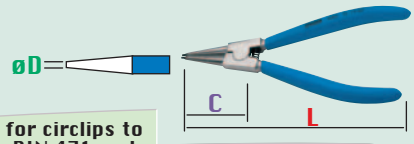


DIN 5254 form A

Code	L	Type	for circlips to DIN 471 and DIN 983 for shaft diameter	øD	C		
608735	140	A/A0	3 - 10	0.9	40*	100	10
608736	140	A/A1	10 - 25	1.3	40*	100	10
608737	180	A/A2	19 - 60	1.8	52*	180	10
608738	220	A/A3	40 - 100	2.3	63	250	5

* head ground * surface finish: phosphatized * handles plastic dipped

532/1 EXTERNAL LOCK RINGS PLIERS, STRAIGHT

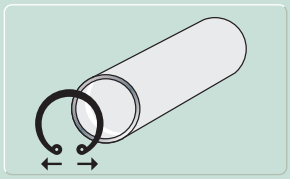


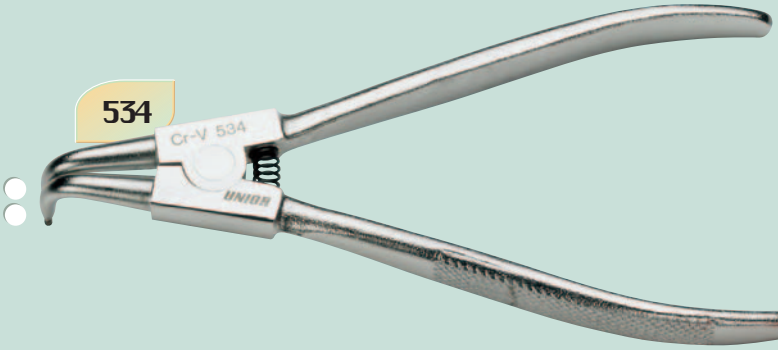
DIN 5254 form A

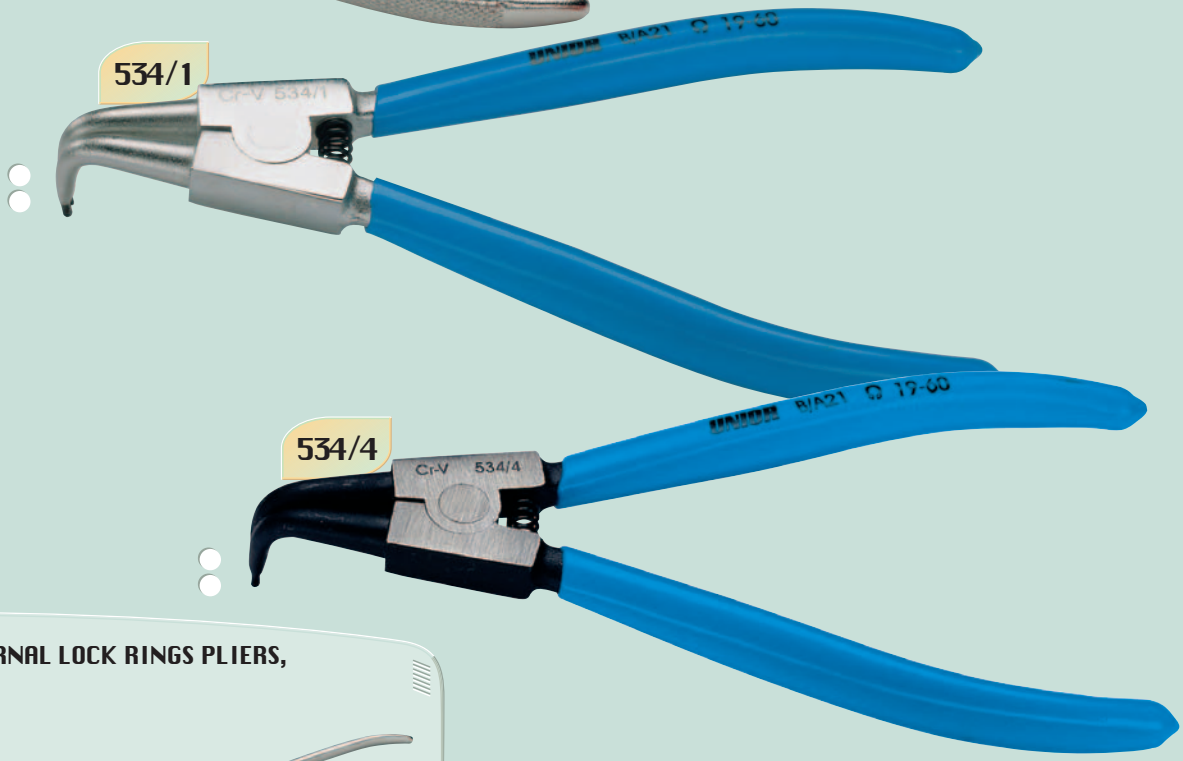
Code	L	Type	for circlips to DIN 471 and DIN 983 for shaft diameter	øD	C		
608731	140	A/A0	3 - 10	0.9	40*	100	10
608732	140	A/A1	10 - 25	1.3	40*	100	10
608733	180	A/A2	19 - 60	1.8	52*	180	10
608734	220	A/A3	40 - 100	2.3	63	250	5

* head polished * surface finish: chrome plated * handles plastic dipped

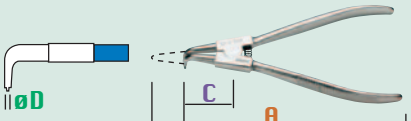
* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * tips burnished







534 EXTERNAL LOCK RINGS PLIERS, BENT

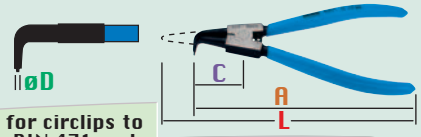


DIN 5254 form B

Code	L	Type	for circlips to DIN 471 and DIN 983 for shaft diameter	A	øD	C		
603155	140	B/A0	3 - 10	128	0.9	28	100	10
601394	140	B/A1	10 - 25	128	1.3	28	100	10
601395	180	B/A2	19 - 60	166	1.8	38	180	10
601396	220	B/A3	40 - 100	207	2.3	50	250	5

* head polished * surface finish: chrome plated

534/4 EXTERNAL LOCK RINGS PLIERS, BENT

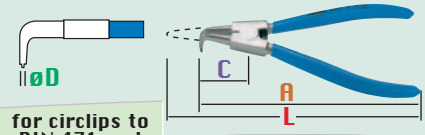


DIN 5254 form B

Code	L	Type	for circlips to DIN 471 and DIN 983 for shaft diameter	A	øD	C		
608743	140	B/A0	3 - 10	128	0.9	28	100	10
608744	140	B/A1	10 - 25	128	1.3	28	100	10
608745	180	B/A2	19 - 60	166	1.8	38	180	10
608746	220	B/A3	40 - 100	207	2.3	50	250	5

* head ground * surface finish: phosphatized * handles plastic dipped

534/1 EXTERNAL LOCK RINGS PLIERS, BENT

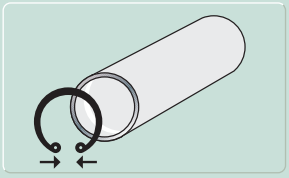


DIN 5254 form B

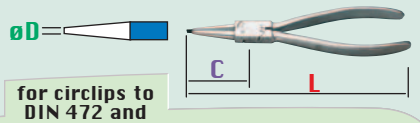
Code	L	Type	for circlips to DIN 471 and DIN 983 for shaft diameter	A	øD	C		
608739	140	B/A0	3 - 10	128	0.9	28	100	10
608740	140	B/A1	10 - 25	128	1.3	28	100	10
608741	180	B/A2	19 - 60	166	1.8	38	180	10
608742	220	B/A3	40 - 100	207	2.3	50	250	5

* head polished * surface finish: chrome plated * handles plastic dipped

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * tips burnished



536 INTERNAL LOCK RINGS PLIERS, STRAIGHT

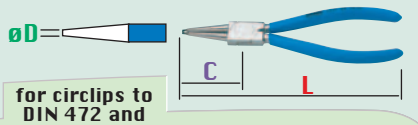


DIN 5256 form C

Code	L	Type	for circlips to DIN 472 and DIN 984 for shaft diameter	øD	C		
601397	140	C/J0	8 - 13	0.9	40*	100	10
603158	140	C/J1	12 - 25	1.3*	40*	100	10
601398	180	C/J2	19 - 60	1.8	52*	200	10
601399	220	C/J3	40 - 100	2.3	63	240	5

* head polished * surface finish: chrome plated

536/1 INTERNAL LOCK RINGS PLIERS, STRAIGHT

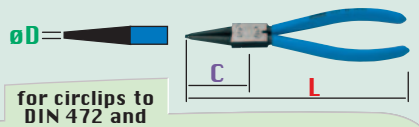


DIN 5256 form C

Code	L	Type	for circlips to DIN 472 and DIN 984 for shaft diameter	øD	C		
608747	140	C/J0	8 - 13	0.9	40*	100	10
608748	140	C/J1	12 - 25	1.3*	40*	100	10
608749	180	C/J2	19 - 60	1.8	52*	200	10
608750	220	C/J3	40 - 100	2.3	63	240	5

* head polished * surface finish: chrome plated * handles plastic dipped

536/4 INTERNAL LOCK RINGS PLIERS, STRAIGHT



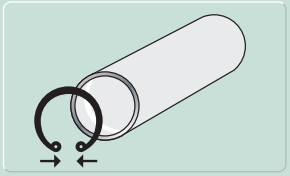
DIN 5256 form C

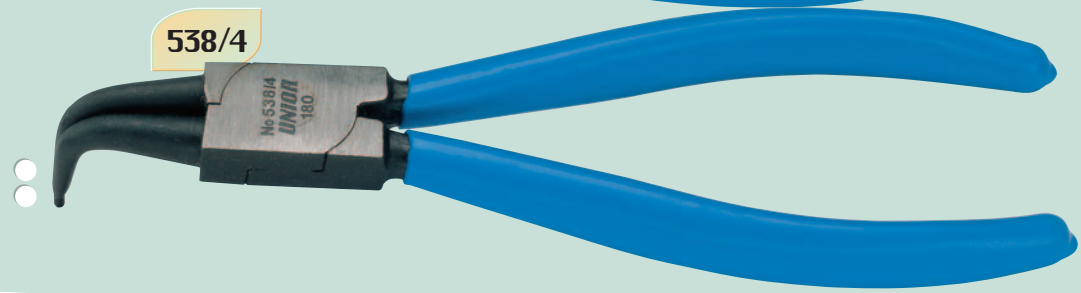
Code	L	Type	for circlips to DIN 472 and DIN 984 for shaft diameter	øD	C		
608751	140	C/J0	8 - 13	0.9	40*	100	10
608752	140	C/J1	12 - 25	1.3*	40*	100	10
608753	180	C/J2	19 - 60	1.8	52*	200	10
608754	220	C/J3	40 - 100	2.3	63	240	5

* head ground * surface finish: phosphatized * handles plastic dipped

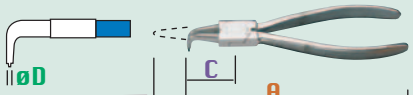
* dimension does not correspond with standard

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * tips burnished





538 INTERNAL LOCK RINGS PLIERS, BENT

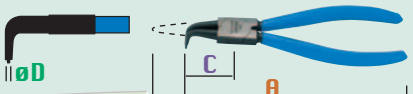


DIN 5256 form D

Code	L	Type	for circlips to DIN 472 and DIN 984 for shaft diameter	A	øD	C		
601400	140	D/J0	8 - 13	128	0.9	28	100	10
603213	140	D/J1	12 - 25	128	1.3*	28	100	10
601401	180	D/J2	19 - 60	166	1.8	38	180	10
601402	220	D/J3	40 - 100	202	2.3	50	250	5

* head polished * surface finish: chrome plated

538/4 INTERNAL LOCK RINGS PLIERS, BENT

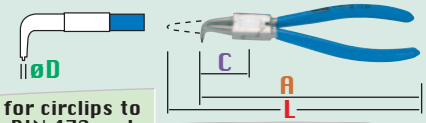


DIN 5256 form D

Code	L	Type	for circlips to DIN 472 and DIN 984 for shaft diameter	A	øD	C		
608759	140	D/J0	8 - 13	128	0.9	28	100	10
608760	140	D/J1	12 - 25	128	1.3*	28	100	10
608761	180	D/J2	19 - 60	166	1.8	38	180	10
608762	220	D/J3	40 - 100	202	2.3	50	250	5

* head ground * surface finish: phosphatized * handles plastic dipped

538/1 INTERNAL LOCK RINGS PLIERS, BENT



DIN 5256 form D

Code	L	Type	for circlips to DIN 472 and DIN 924 for shaft diameter	A	øD	C		
608755	140	D/J0	8 - 13	128	0.9	28	100	10
608756	140	D/J1	12 - 25	128	1.3*	28	100	10
608757	180	D/J2	19 - 60	166	1.8	38	180	10
608758	220	D/J3	40 - 100	202	2.3	50	250	5

* head polished * surface finish: chrome plated * handles plastic dipped

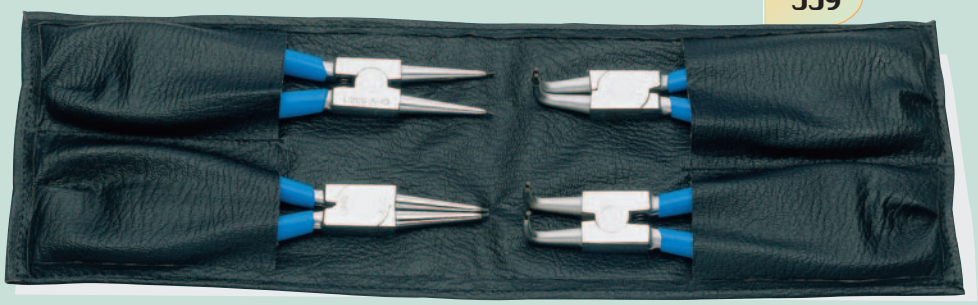
* dimension does not correspond with standard

exchangeable punches **557**

fixed punches **558**

557.1

539



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539 LOCK RINGS PLIERS SET

Code	ART.	L		
607970	532+534+536+538	140 3-13	435	1
601403	532+534+536+538	140 10-25	435	1
601404	532+534+536+538	180	755	1
601405	532+534+536+538	220	945	1
608763	532/1+534/1+536/1+538/1	140 3-13	435	1
608764	532/1+534/1+536/1+538/1	140 10-25	435	1
608765	532/1+534/1+536/1+538/1	180	755	1
608766	532/1+534/1+536/1+538/1	220	945	1
608767	532/4+534/4+536/4+538/4	140 3-13	435	1
608768	532/4+534/4+536/4+538/4	140 10-25	435	1
608769	532/4+534/4+536/4+538/4	180	755	1
608770	532/4+534/4+536/4+538/4	220	945	1

557, 558 REVOLVING PUNCH PLIERS WITH 6 PUNCHES

Code	ART.	ø mm	L		
601557	558	2, 2.5,3,3.5,4,5	210	270	10
602559	557	2, 2.5,3,3.5,4,5	210	270	10

spare parts for art. 557.1

Code	ø	
603336	2	10
603337	2.5	10
603338	3	10
603339	3.5	10
603340	4	10
603341	5	10

set of spare parts in plastic bag

Code	ø	
603394	2,2.5,3,3.5,4,5	1

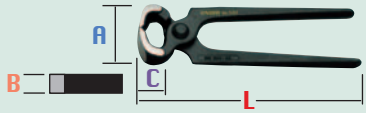
* handles made of steel sheet * punches from special tool sheet, hardened and tempered, sharpened
* surface finish: zinc plated * handles plastic dipped
* art. 557 with exchangeable punches * art. 5571 – spare punches

527 TILE PINCERS

* material: special composition steel suitable for hardening and tempering
* with wire cutter (max 3 mm)
* head ground, surface finish: phosphatized
* handles plastic dipped

Code	L	A	B		
610148	200	42,7	19,0	391	10

530 CARPENTERS` PINCERS



DIN ISO 9243 type A

Code	L	A	B	C		
601341	160	46	22	16	220	10
601342	180	50	23	21	320	10
601343	200	54	25	24	400	10
607860	225	54	25	24	460	10
601344	250	58	26	27	640	5

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * cutting edges induction hardened
* head ground * surface finish: phosphatized

529 HEAVY DUTY TOWER PINCERS

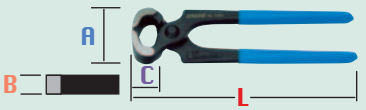
Code	L	A	B	C		
607494	280	33	33	19	460	5

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * cutting edges induction hardened
* head ground * surface finish: phosphatized * handles plastic dipped

cutting capacities

Dim.	medium hard wire 1600 N/mm²
280	Ø 1,6 mm

530/4 CARPENTERS` PINCERS



DIN ISO 9243 type A

Code	L	A	B	C		
608722	160	46	22	16	220	10
608723	180	50	23	21	320	10
608724	200	54	25	24	400	10
608725	225	54	25	24	460	10
608726	250	58	26	27	640	5

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * cutting edges induction hardened
* head ground * surface finish: phosphatized * handles plastic dipped

531 TOWER PINCERS

DIN ISO 9242

Code	L	A	B	C		
601372	190	26	22	15	240	10
601373	225	30	23	17	320	10
601374	250	36	25	18	410	10
601375	280	36	25	18	490	5

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * cutting edges induction hardened
* head ground * surface finish: phosphatized

cutting capacities

Dim.	medium hard wire 1600 N/mm²
190	Ø 1,6 mm
225	Ø 1,6 mm
250	Ø 1,6 mm
280	Ø 1,6 mm

531/4 TOWER PINCERS

DIN ISO 9242

Code	L	A	B	C		
608727	190	26	22	15	240	10
608728	225	30	23	17	320	10
608729	250	36	25	18	410	10
608730	280	36	25	18	490	5

* material: special composition steel suitable for hardening and tempering
* entirely hardened and tempered * cutting edges induction hardened
* head ground * surface finish: phosphatized * handles plastic dipped

cutting capacities same as 531

400/6 SET OF TOWER PINCERS ON CARTON DISPLAY

Code	SET/pcs		
609359	20	6410	1

CONTENTS:

Code	mm	pcs
531	225	20

ELECTRONIC PLIERS AND SCREWDRIVERS

P O W E R I N Y O U R H A N D

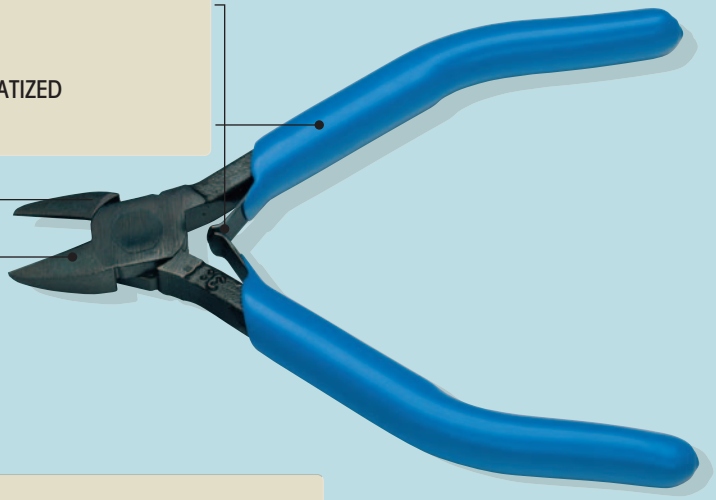
FEATURES OF UNIOR'S ELECTRONIC PLIERS AND SCREWDRIVERS

115	electonic snipe nose pliers	1062
115	electronic flat nose pliers	1060
115	electronic round nose pliers	1061
115	electronic side cutter	1063
116	electronic combination pliers	1066
116	electronic front cutter	1064
116	electronic snipe nose pliers, bent	1065
116	electronic wire stripper	1067
117	set of electronic pliers in wallet	1097
117	set of electronic pliers on display	1099
118	electronic pliers LSI - front cutter	1074
118	electronic pliers LSI - round	1071
118	electronic pliers LSI - side cutter	1073
118	electronic pliers LSI - snipe nose	1072
119	electronic pliers LSI - oblique cutter	1076
119	electronic pliers LSI -flat nose	1075
119	set of electronic pliers LSI in wallet	1091
119	set of electronic pliers LSI on display	1094
120	crosstip (PH) electronic screwdriver	615 E
120	double crosstip (PZ) electronic screwdriver	625 E
120	electronic scredriver with TX profile	621 E
120	flat electronic screwdriver	605 E
121	set of electronic pliers and screwdriver	1093
121	set of electronic screwdriver in carton set	1090/1
121	set of electronic screwdriver in carton set	1090/2
121	set of electronic screwdriver in carton set	1090/3
121	set of electronic screwdriver in carton set	1090/4
121	set of electronic screwdriver on display stand	607 S50E

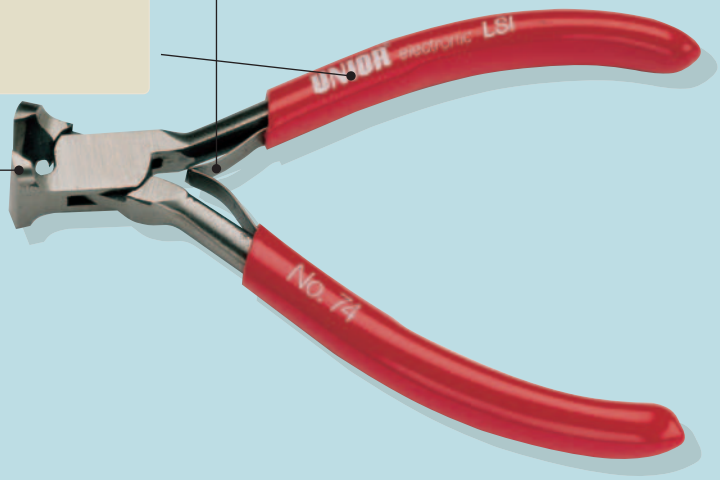
FEATURES OF UNIOR'S ELECTRONIC PLIERS AND SCREWDRIVERS

The items with blue color handles are not available for sale in the USA and Canada. Items can be supplied with red color handles.

* LAP JOINT
* WITH DOUBLE SPRING
* HEAD GROUND
* SURFACE FINISH: PHOSPHATIZED
* HANDLES PLASTIC DIPPED

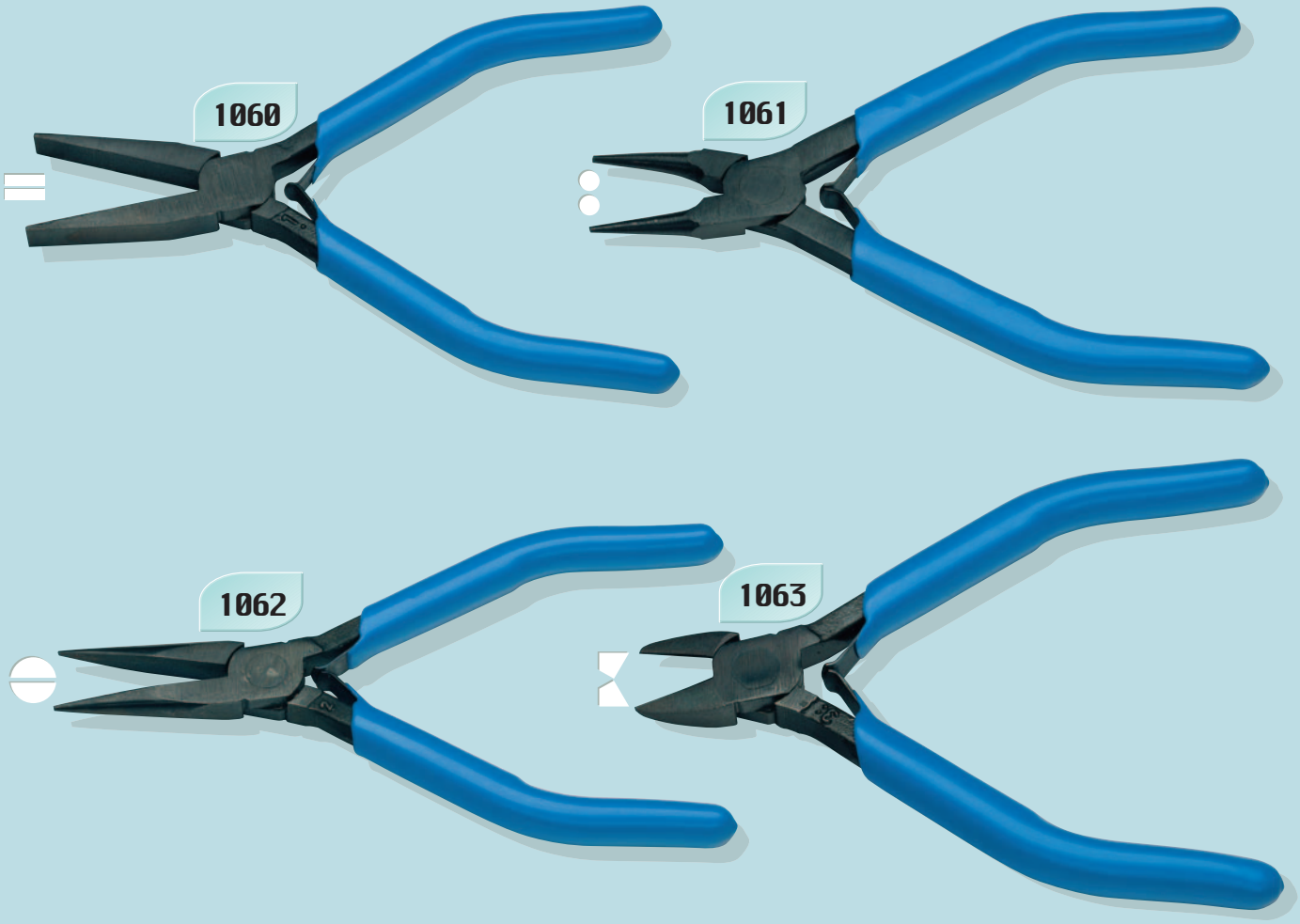


* BOX JOINT
* WITH DOUBLE SPRING
* HEAD FINE POLISHED
* HANDLES PLASTIC DIPPED



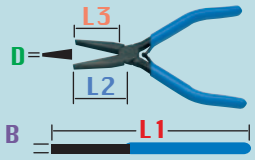
* MATERIAL: BLADE: CHROME VANADIUM
* HANDLE: DOUBLE COMPONENT MATERIAL
* TIP WITH CORROSION PROTECTION
* HANDLE WITH ROTATING CAP

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.



1060 ELECTRONIC FLAT NOSE PLIERS

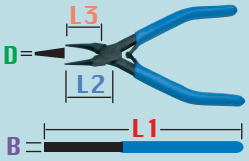
DIN ISO 9655



Code	L1	L2	L3	B	D		
603528	130	42	34,5	5,5	1,5	70	10

1061 ELECTRONIC ROUND NOSE PLIERS

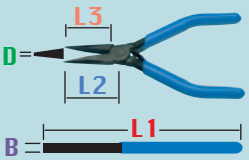
DIN ISO 9655



Code	L1	L2	L3	B	D		
603529	120	30	22,5	5,5	1,0	65	10

1062 ELECTRONIC SNIPE NOSE PLIERS

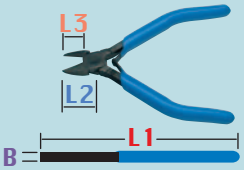
DIN ISO 9655



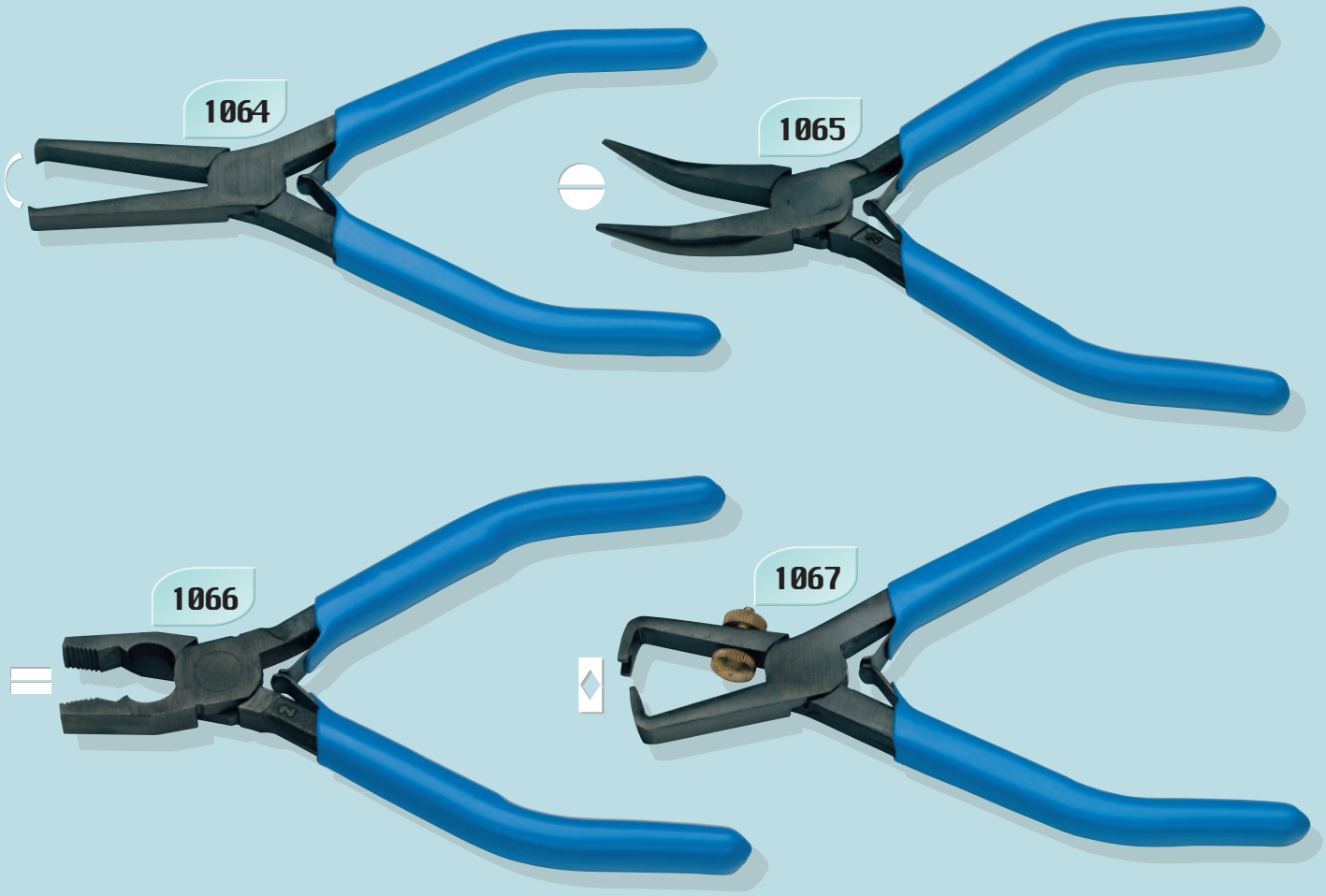
Code	L1	L2	L3	B	D		
603530	130	42	34,5	5,5	1,2	68	10

1063 ELECTRONIC SIDE CUTTER

DIN ISO 9655

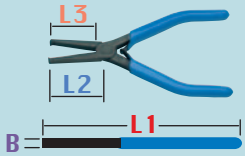


Code	L1	L2	L3	B		
603531	110	20	12,5	5,5	61	10



1064 ELECTRONIC FRONT CUTTER

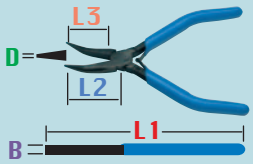
DIN ISO 9654



Code	L1	L2	L3	B		
603533	130	42	34,5	5,5	70	10

1065 ELECTRONIC SNIPE NOSE PLIERS, BENT

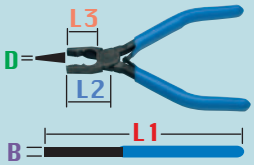
DIN ISO 9654



Code	L1	L2	L3	B	D		
603534	120	39	31,5	5,5	1,2	67	10

1066 ELECTRONIC COMBINATION PLIERS

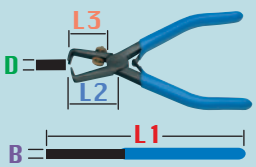
DIN ISO 9654



Code	L1	L2	L3	B	D		
603535	120	27	19,5	5,5	4	65	10

1067 ELECTRONIC WIRE STRIPPER

DIN ISO 9654



Code	L1	L2	L3	B	D		
603536	123,5	34,5	27	5	13	69	10

1097

1099

1097 SET OF ELECTRONIC PLIERS IN WALLET

Code	SET/ pcs		
605115	8	740	1

contens

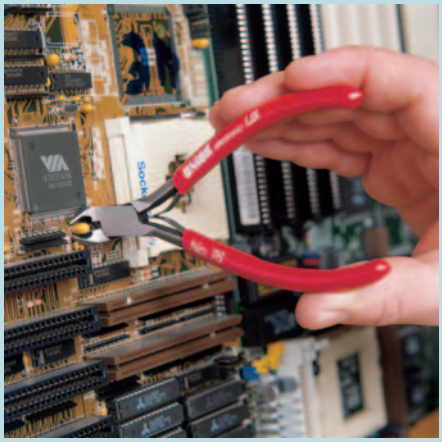
art.	mm	pcs
1060	130	1
1061	120	1
1062	130	1
1063	110	1
1064	130	1
1065	120	1
1066	120	1
1067	135,5	1

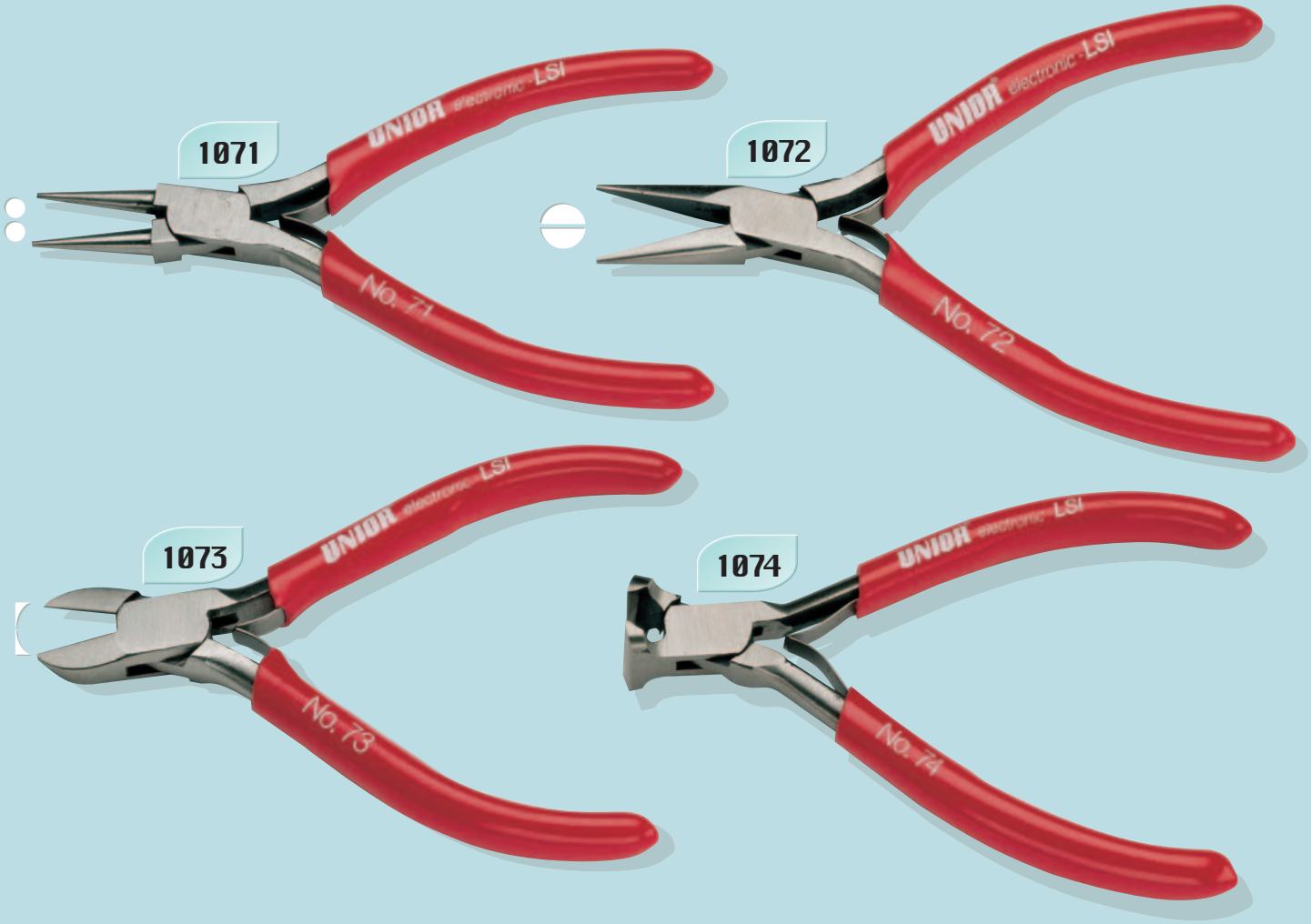
1099 SET OF ELECTRONIC PLIERS ON DISPLAY

Code	SET/ pcs		
609361	20	740	1

contens

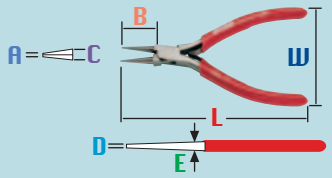
art.	mm	pcs
1060	130	5
1062	130	5
1063	110	5
1064	130	5





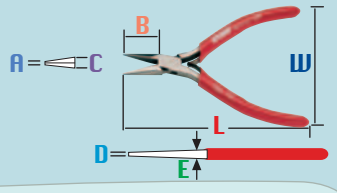
1071 ELECTRONIC PLIERS LSI – ROUND

DIN ISO 9654



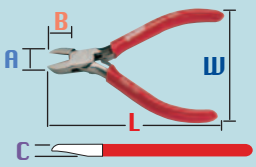
Code	L	A	B	C	D	E	W		
607315	120	9,5	23	1,8	2	6,5	50	48	10

1072 ELECTRONIC PLIERS LSI – SNIPE NOSE



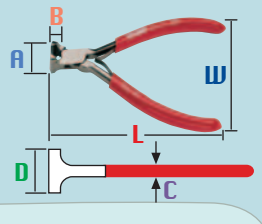
Code	L	A	B	C	D	E	W		
607316	120	9,5	23	1,8	0,9	6,5	50	48	10

1073 ELECTRONIC PLIERS LSI – SIDE CUTTER



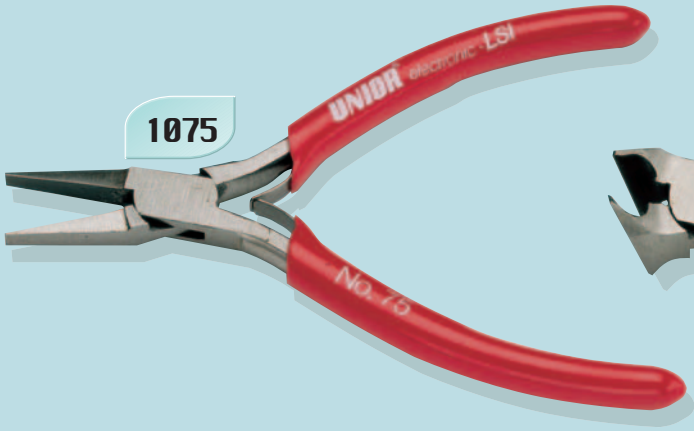
Code	L	A	B	C	W		
607317	115	11,5	14,5	7,5	50	60	10

1074 ELECTRONIC PLIERS LSI – FRONT CUTTER



Code	L	A	B	C	D	W		
607318	120	11,5	7	7,5	17	50	70	10

1075

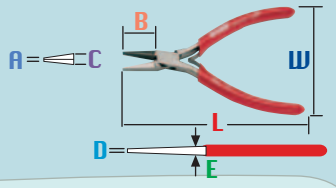


1076

1091

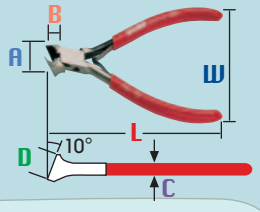
1094

1075 ELECTRONIC PLIERS LSI – FLAT NOSE



Code	L	A	B	C	D	E	W		
607319	120	9,5	23	1,8	4	6,5	50	48	10

1076 ELECTRONIC PLIERS LSI – OBLIQUE CUTTER



Code	L	A	B	C	D	W		
607320	120	12	9	7,5	19	50	70	10

1091 SET OF ELECTRONIC PLIERS IN WALLET

Code	SET/ pcs		
607321	6	560	1

contents

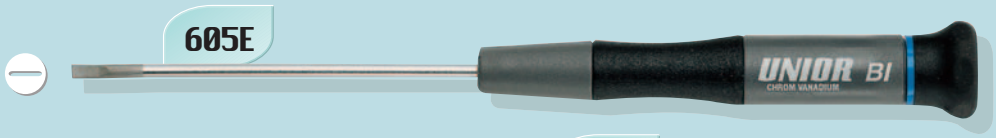
art.	mm	pcs
1071	120	1
1072	120	1
1073	115	1
1074	120	1
1075	120	1
1076	120	1

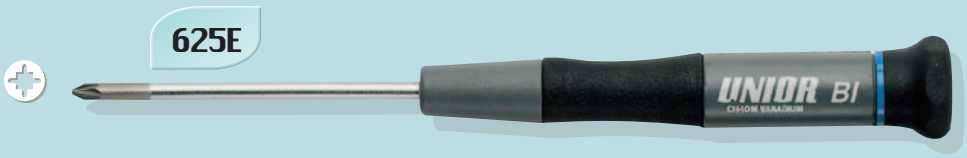
1094 SET OF ELECTRONIC PLIERS ON DISPLAY

Code	SET/ pcs		
609360	20	740	1

contens

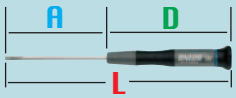
art.	mm	pcs
1072	120	5
1073	115	5
1074	120	5
1075	120	5





605E FLAT ELELCTRONIC SCREWDRIVER

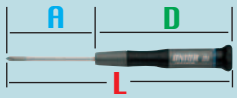
DIN 5265 ISO2380



Code			A	D	L	Ø		
608296	0,25	1,2	60	93	153	2,5	11	10
608297	0,23	1,5	60	93	153	2,5	11	10
608298	0,30	1,8	60	93	153	2,5	11	10
608299	0,40	2,5	75	93	168	2,5	12	10
608300	0,50	3,0	100	93	193	3,0	16	10
608301	0,50	3,0	150	93	243	3,0	19	10
608302	0,80	4,0	100	93	193	4,0	24	10
608303	0,80	4,0	150	93	243	4,0	31	10

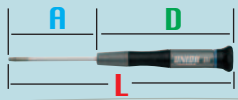
615E CROSSTIP (PH) ELECTRONIC SCREWDRIVER

DIN 5262PH ISO8764PH



Code		A	D	L	Ø		
608304	PH 000	60	93	153	2,5	12	10
608305	PH 00	60	93	153	2,5	12	10
608306	PH 0	60	93	153	3,0	13	10
608307	PH 1	80	93	173	4,5	23	10

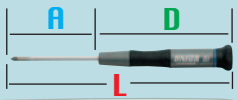
621E ELECTRONIC SCREWDRIVES WITH TX PROFILE



Code		A	D	L	Ø		
608310	TX 6	60	93	153	3,0	13	10
608311	TX 7	60	93	153	3,0	13	10
608312	TX 8	60	93	153	3,0	13	10
608313	TX 9	60	93	153	3,0	13	10
608314	TX 10	60	93	153	3,0	13	10
608315	TX 15	60	93	153	3,5	15	10
608316	TX 20	80	93	173	4,0	22	10

625E DOUBLE CROSSTIP (PZ) ELECTRONIC SCREWDRIVER

DIN 5262PZ ISO 8764 PZ



Code		A	D	L	Ø		
608308	PZ 0	60	93	153	3,0	13	10
608309	PZ 1	80	93	173	4,5	23	10

1090

607 S50 E

1093

1090 SET OF ELECTRONIC SCREWDRIVER IN CARTON SET

Code	art.	SET/ pcs	Contents		
608535	1090/1	5	605E-1.5x60+1.8x60+2.5x75+3.0x100+4.0x100	106	1
608536	1090/2	7	605E-1.8x60+2.5x75+3.0x100+4.0x100+615EPH00x60+0x60+1x80	127	1
608332	1090/3	7	621E-TX6+7+8+9+10+15+20	127	1
608333	1090/4	5	615E - PH 000x60+00x60+0x60+1x80+625E-PZ 0x60	106	1

1093 SET OF ELECTRONIC PLIERS AND SCREWDRIVER

Code	SET/ pcs	Contents		
608537	11	605E-1.8x60+2.5x75+3.0x100+4.0x100+615E-PH 00x60+0x60+1x80+ pliers: 1072+1073+1075+1076	750	1

607 S50 E SET OF ELECTRONIC SCREWDRIVERS ON DISPLAY STAND

Code	Set/pcs		
609953	50	1835	1

CONTENTS:

Art.	mm	pcs
605 E	1,2x60	5
	1,5x60	5
	1,8x60	5
	2,5x75	5
	3,0x100	5
615 E	PH 000x60	5
	PH 00x60	5
	PH 1x80	5
625 E	PZ 0x60	5
	PZ 1x80	5

Pages 122-135, VDE Tools, were not available.

PIPE WRENCHES, CUTTERS, TUBE SETS

P O W E R I N Y O U R H A N D

FEATURES OF UNIOR'S PIPE WRENCHES, SWEDISH PATTERN

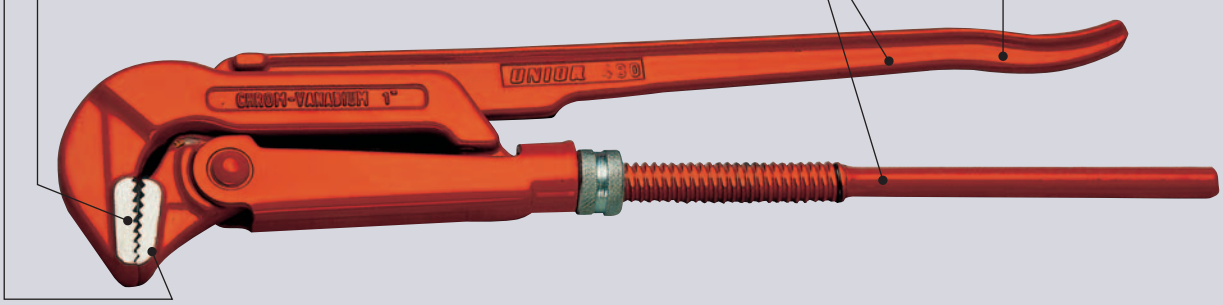
138	pipe wrench 90, swedish pattern	483
139	pipe wrench 45, swedish pattern	481
139	pipe wrench 45, swedish pattern , S-form	482
139	pipe wrench 90, swedish pattern	480
140	heavy duty pipe wrench	492
140	heavy duty pipe wrench, aluminium handle	492 AL
140	heavy duty pipe wrench, offset pattern	490
140	spare parts set for 492	492.1
141	spare parts set for 493	493.1
141	toilet wrench	493
141	waterpump box joint pliers	447/1
141	waterpump box joint pliers	447
142	chain pipe wrench	484
142	pipe roughing wrench	486
142	spare chain for 484	484.1
142	spare jaw for 484	484.2
142	spare screw for 484	484.3
143	mini tube cutter	358
143	spare cutting wheel for 358	358.1
143	spare cutting wheel for 360	360.1
143	spare cutting wheel for 361	361.1
143	spare rollers for 358	358.2
143	spare rollers for 360	360.2
143	spare rollers for 361	361.2
143	tube cutter	360
143	tube cutter	361
144	internal - external reamer	363
144	tube cutting and flaring set	370
144	tube flaring tools	355
144	test pump	375
145	bench yoke vice	725
145	engineers vices with fixed base	722
145	portable kit yoke vice	728
146	threestand	740
146	threestand	741
146	yoke vice with stand	730

PIPE WRENCHES, CUTTERS, TUBE SETS

POWER IN YOUR HAND

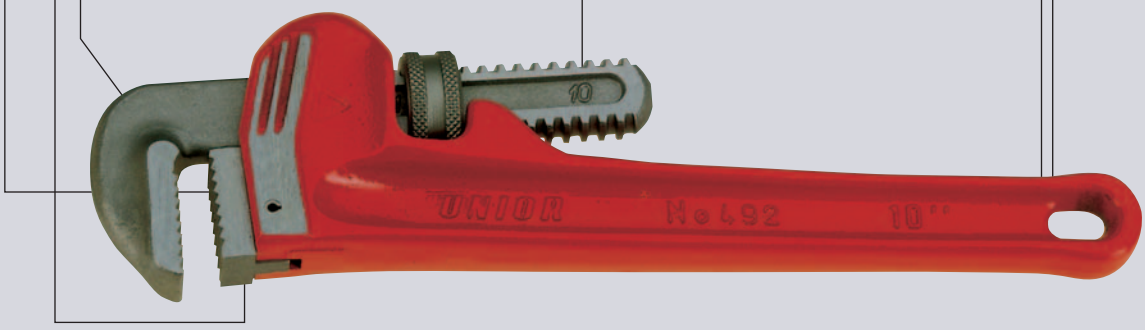
FEATURES OF UNIOR'S PIPE WRENCHES, SWEDISH PATTERN

* MATERIAL: CHROME VANADIUM
* RED LACQUERED
* JAWS AND HANDLES DROP FORGED
* SERRATED JAWS WITH INDUCTION HARDENED TEETH



FEATURES OF UNIOR'S HEAVY DUTY PIPE WRENCHES

* MATERIAL: HOUSING AND HANDLE FROM SPECIAL ALLOY, VERY DURABLE
* BOTH JAWS DROP FORGED FROM SPECIAL CARBON TOOL STEEL
* JAWS OIL HARDENED, TEETH ADDITIONALLY INDUCTION HARDENED
* REPLACEABLE JAWS, PHOSPHATIZED
* LACQUERED HANDLE
* JAWS AND SCREWS AS SPARE PARTS FOR ART. 492, 490 AND 492 AL
* ADJUSTABLE UPPER JAW
* INTERCHANGEABLE JAWS



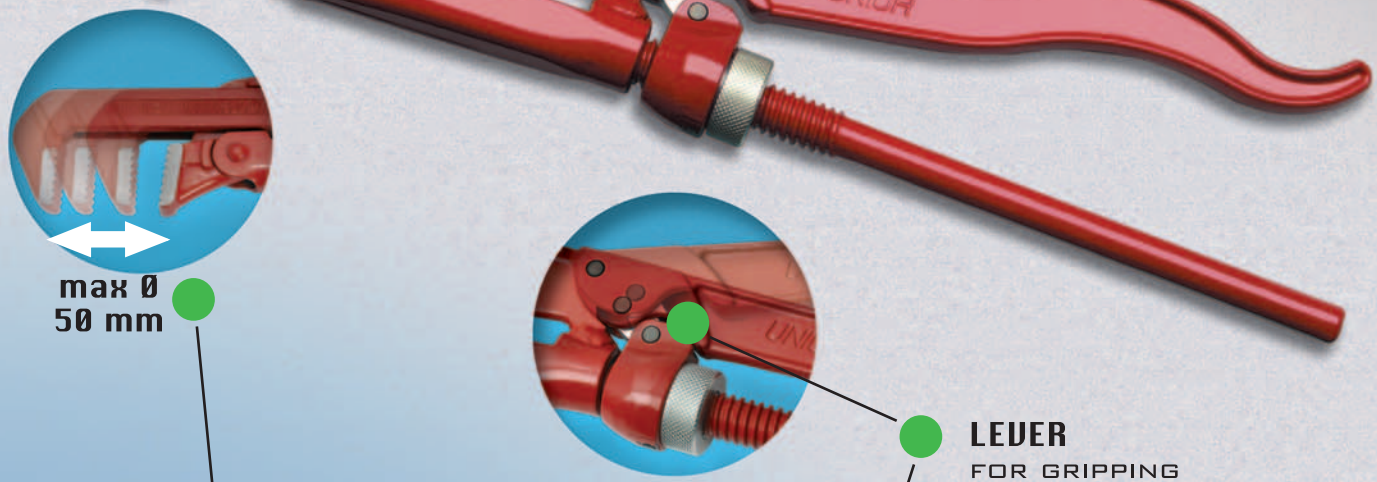
ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

ADVANTTAGES OF SELF HOLDING"GRIP PIPE WRENCH"

HIGHER ENDURANCE

PERFECT ADAPTABILLITY
TO THE WORK PIECE WHATEVER THE SHAPE, UP TO Ø 50 MM

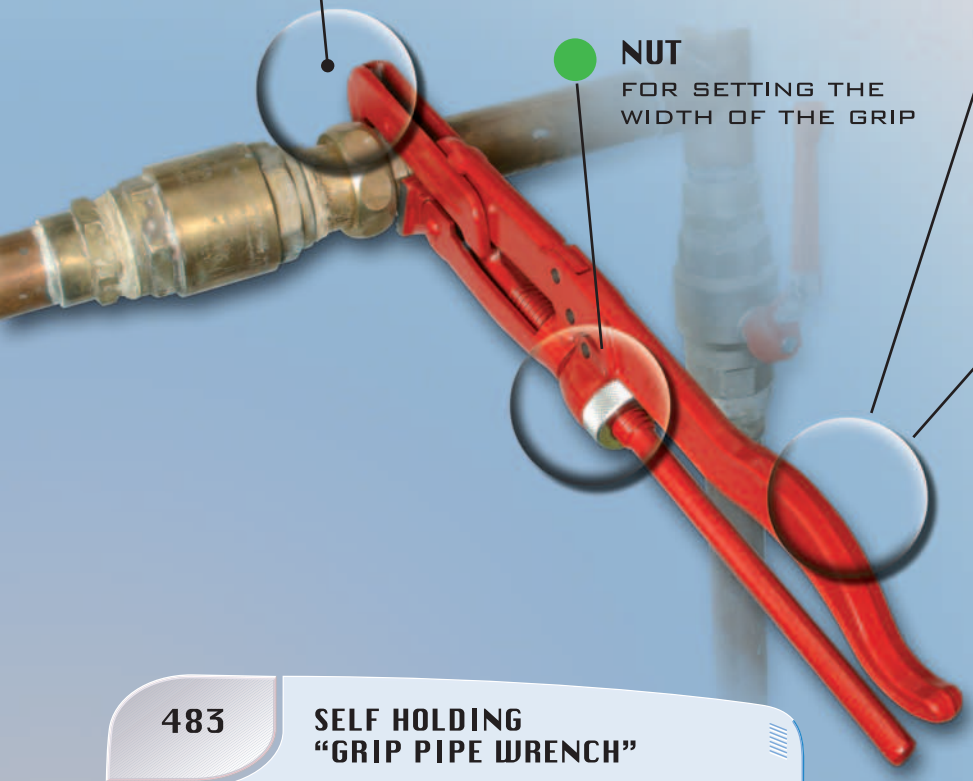
SAFETY
NO DAMAGE BY WORKING



max Ø
50 mm

LEVER
FOR GRIPPING AND RELEASING

NUT
FOR SETTING THE WIDTH OF THE GRIP



ERGONOMICAL SHAPE
MAX. ADAPTABILITY TO HANDS

USAGE:

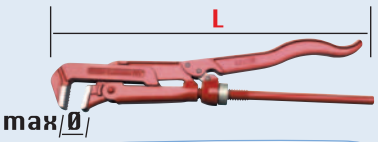
SET THE WIDTH OF THE GRIP BY ADJUSTING THE PLIERS, USING THE NUT ON THE HANDLE.

WITH MINIMAL PRESSURE ON THE LEVER ON THE HANDLE A SOLID GRIP WILL BE ACHIEVED AND THE PLIERS WILL REMAIN LOCKED IN POSITION.

TO UNLOCK THE PLIERS RELEASE THE LEVER ON THE HANDLE.

483 SELF HOLDING "GRIP PIPE WRENCH"

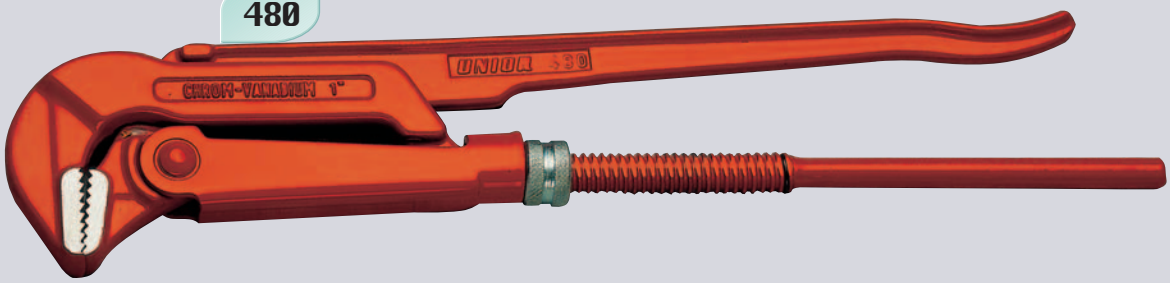
* SERRATED JAW WITH INDUCTION HARDENED TEETH
* MATERIAL: CHROME VANADIUM
* RED LACQUERED



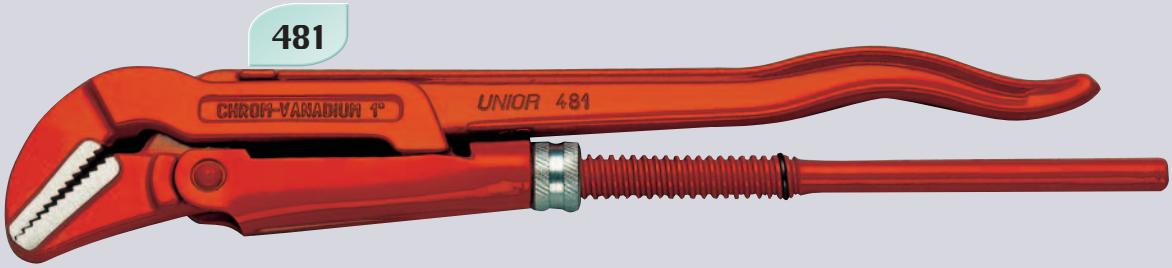
Code	"	max Ø	L		
611781	1 1/2	50	418	820	1

* material: chrome vanadium * red lacquered
* jaws and handles drop forged
* serrated jaws with induction hardened teeth

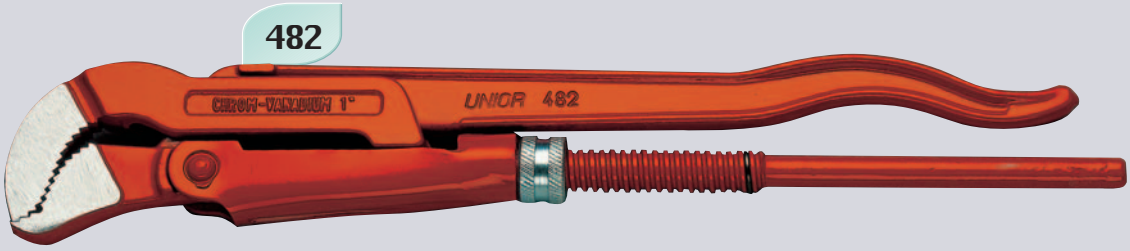
480



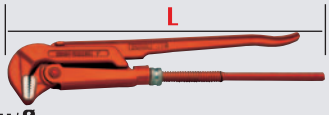
481



482



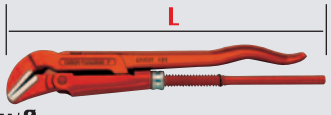
480 PIPE WRENCH 90°, SWEDISH PATTERN



DIN 5234 type A

Code	"	max Ø	L		
601481	1	50	325	800	1
601482	1 1/2	60	415	1300	1
601483	2	80	540	2300	1
601484	3	105	685	4000	1
605125	4	125	750	4800	1

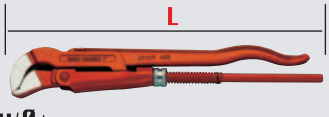
481 PIPE WRENCH 45°, SWEDISH PATTERN



DIN 5234 type B

Code	"	max Ø	L		
601495	1/2	35	265	500	1
601496	1	45	335	800	1
601497	1 1/2	55	430	1300	1
601498	2	70	555	2300	1
601499	3	95	700	4400	1

482 PIPE WRENCH 45°, SWEDISH PATTERN, S- FORM

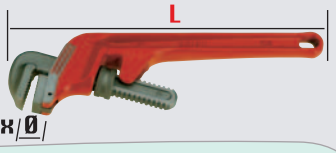


DIN 5234 type C

Code	"	max Ø	L		
601510	1/2	35	270	500	1
601511	1	50	335	800	1
601512	1 1/2	60	430	1400	1
601513	2	80	550	2300	1
601514	3	105	700	4400	1

* the jaws enables a good grip on flat, semicircular and round surfaces

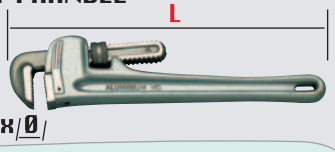
490 HEAVY DUTY PIPE WRENCH, OFFSET PATTERN



Code	"	max Ø	L		
601534	1	34	200	810	1
601535	1 1/2	49	250	1600	1
601536	2	60	350	2830	1

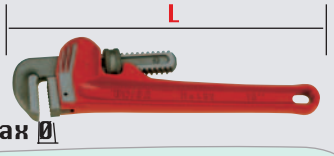
Set of spare parts same as art. 492

492 AL HEAVY DUTY PIPE WRENCH, ALUMINIUM HANDLE



Code	No.	"	max Ø	L		
602719	14	1 1/2	49	330	1020	1
602720	18	2	60	410	1600	1
602721	24	2 1/2	76	555	2550	1
602722	36	3 1/2	100	790	4700	1

492 HEAVY DUTY PIPE WRENCH



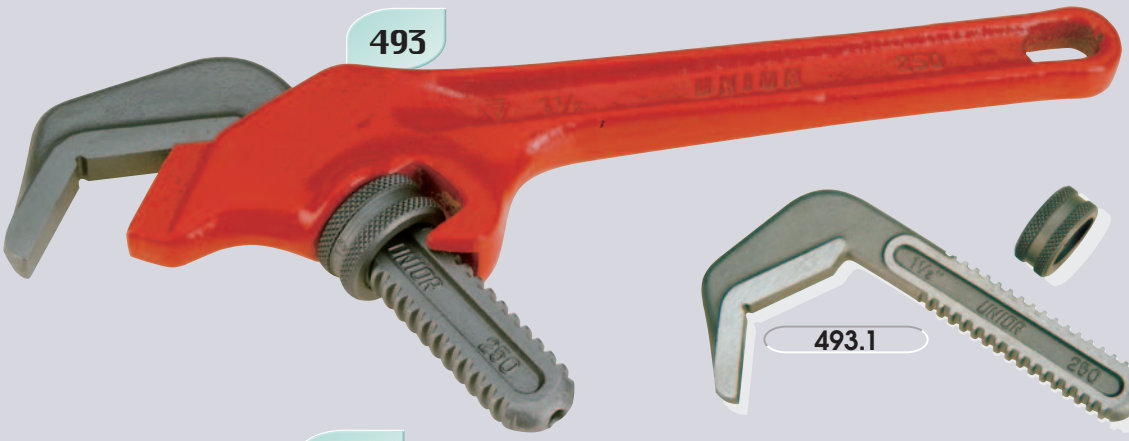
Code	No.	"	max Ø	L		
601544	8	3/4	27	185	400	1
601545	10	1	34	245	810	1
601546	14	1 1/2	49	330	1600	1
601547	18	2	60	410	2800	1
601548	24	2 1/2	76	555	4200	1
601549	36	3 1/2	100	790	8600	1

492.1 SET OF SPARE PARTS

Code	"	set of spare parts		
602340	3/4	adjustable+fixed jaw, pin+nut	140	1
602332	1	adjustable+fixed jaw, pin+nut	290	1
602691	1 1/2	adjustable+fixed jaw, pin+nut	529	1
602695	2	adjustable+fixed jaw, pin+nut	888	1
602699	2 1/2	adjustable+fixed jaw, pin+nut	1263	1
602703	3 1/2	adjustable+fixed jaw, pin+nut	2317	1

447

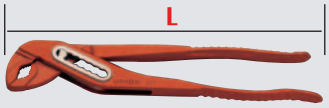
493



493.1

447/1

447 WATERPUMP BOX JOINT PLIERS



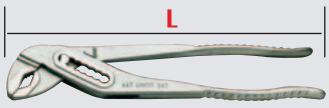
DIN ISO 8976

max Ø

Code	L	max		
607348	175	26.5	157	10
603160	240	35	300	10
605006	300	42	470	10

* material: chrome vanadium * entirely oil hardened * entirely lacquered
* jaw aperture adjustable in 7 position

447/1 WATERPUMP BOX JOINT PLIERS



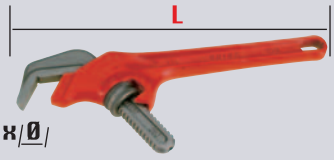
DIN ISO 8976

max Ø

Code	L	max		
605237	240	35	300	10

* material: chrome vanadium * entirely oil hardened * chrome plated
* jaw aperture adjustable in 7 position

493 TOILET WRENCH



max Ø

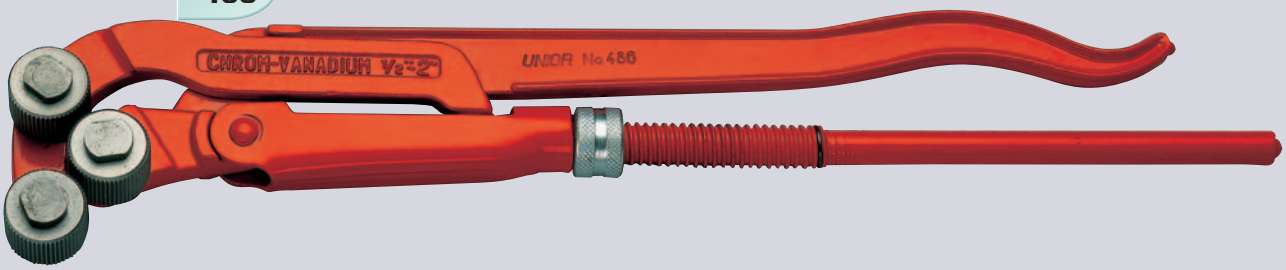
Code	"	max	L		
601550	1 1/2	65	270	760	1

493.1 spare parts

Code			
602344	jaw+nut	760	1

* housing and handle from special alloy, very durable * jaws oil hardened
* replaceable jaws, lacquered handle * jaws and screw as spare parts
* the flat and adjustable jaw enables a precise grip of nuts of pipe fittings and prevents them from being damaged

486



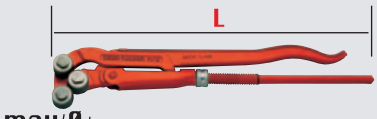
484

484.1

484.3

484.2

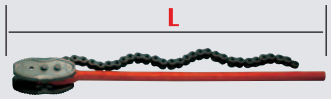
486 PIPE ROUGHING WRENCH



Code	"	L	max		
602773	1 1/2	430	60	1660	1

* material: handles from tool steel * rollers from special tool steel, oil hardened
* used for ribbing of outer surfaces of tubes up to 1 "
* diameter permitting easier tightening of joints * especially useful for chrome plated tubes which would normally be difficult to grip
* handles drop forged * lacquered handles, phosphatized rollers

484 CHAIN PIPE WRENCH

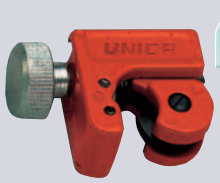


Code	"	L	max		
601530	4	815	160	6500	5
601531	6	965	200	10500	5
601532	8	1130	300	13000	3
601533	12	1300	400	20150	3

Art. 484.1,484.2,484.3 spare parts

Code	"	4"	6"	8"	12"
art. 484.1	chain	602707	602710	602713	602716
art. 484.2	jaw	602708	602711	602714	602717
art. 484.3	screw set	602709	602712	602715	602718

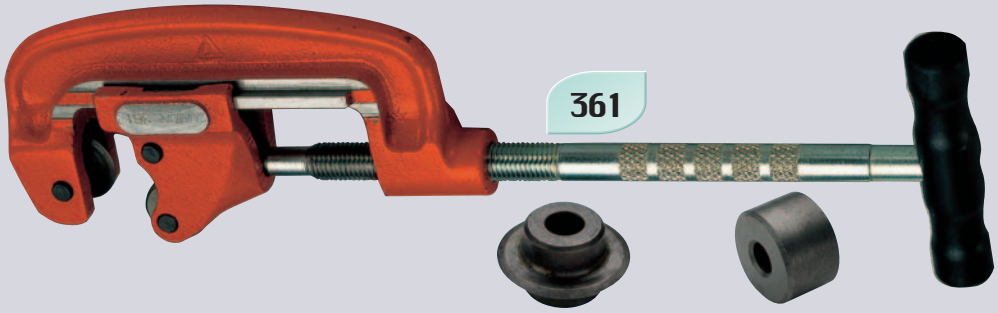
* material: carbon tool steel * jaws drop forged * screws and chain tempered
* serrated jaws with induction hardened teeth
* lacquered handle, other parts corrosion treated



358

Art. 358.2

Art. 358.1

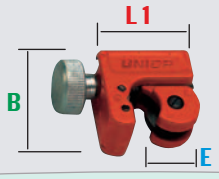


361

Art. 361.1

Art. 361.2

358 MINI TUBE CUTTER



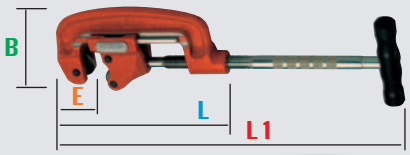
Code	B	E	L1		
601101	36.5	18	46	110	1

spare parts

Code	art.		
601102	358.1	cutting wheel	1
601103	358.2	rollers	

* material: aluminium alloy housing * for copper, brass, aluminium and thin walled steel tubes * new model – small turning radius
* replaceable parts: cutting wheel and rollers

361 TUBE CUTTER



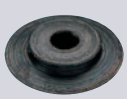
Code	Ø"	B	E	L	L1		
601108	1/8-2	106.5	32	204	447	2800	1
602592	1 1/4-4	162	42	300	905	5100	1

spare parts

Code	art.		
601109	361.1	cutting wheel for ø" 1/8-2", 1 1/4-4"	10
602683	361.1	cutting wheel for ø" 1 1/4-4"	10
601111	361.2	rollers 1/8"-2"	10
603393	361.2	rollers 1 1/4"-4"	10

* lacquered housing * special hardened rollers

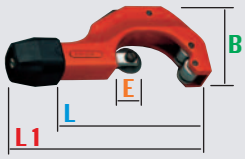
360



Art. 360.1

Art. 360.2

360 TUBE CUTTER



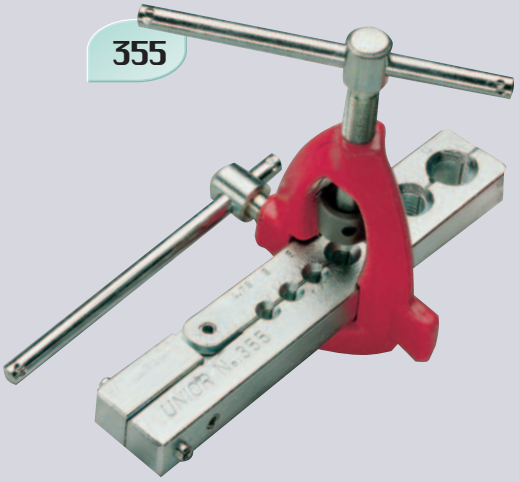
Code	Ø	B	E	L	L1		
601104	3-32	55	19	116	135	280	1
602080	6-67	94	18	176	287	1230	1

spare parts

Code	art.		
601105	360.1	cutting wheel	10
601106	360.2	rollers	10

* material: aluminium alloy housing, cutters and rollers from special steel, oil hardened, phosphatized * lacquered housing * spare cutter in handle
* replaceable parts: cutting wheel and rollers

355



370

375

363

355 TUBE FLARING TOOLS

Code	Ø		
601100	4.75,5,6,8,10,12,14	1240	1

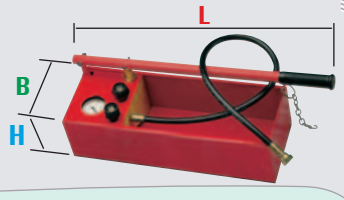
* housing drop forged from tool steel * flares from tool steel, oil hardened * tube gripping jaws from tool steel
* lacquered housing, nickel plated jaws, phosphatized screws

363 INTERNAL – EXTERNAL REAMER

Code	Ø	B	L		
601112	4-36	50	46	70	1

* elimination of burrs on interior and exterior tube edges * plastic housing
* cutting blades from special carbon steel, oil hardened

375 TEST PUMP



Code	L	B	H		
602600	500	187	150	7400	1

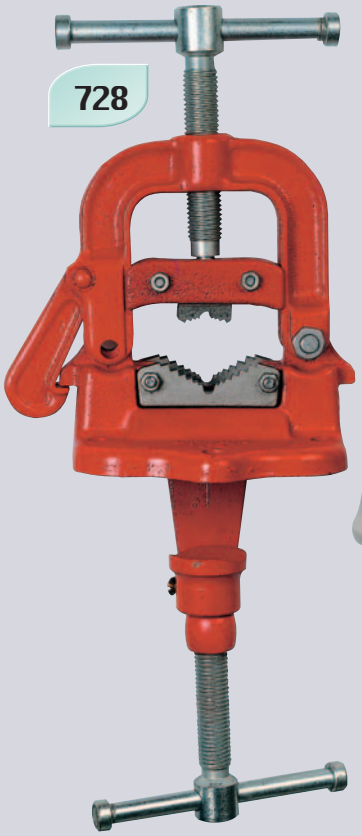
* easy to use and suitable for ground work * it is used for pressure and leak testing on water and heating installations to prescribed pressures
* max. pressure – 50 bar * max. capacity – 12 litres
* made with anticorrosive material

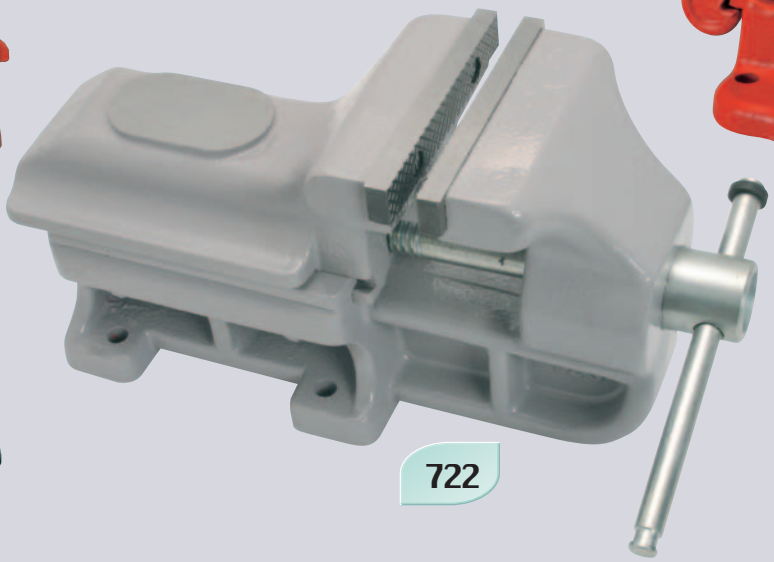
370 TUBE CUTTING AND FLARING SET

Code	set/pcs		
601099	5	2500	1

CONTENTS

art.	mm	
360	3-22	1
363	4-36	1
355	4.75-14	3
	empty case	





725 BENCH YOKE VICE

Code	L	max		
601114	1/8" - 2"	70	3400	1
601115	1/8" - 3"	100	6400	1

* housing from special alloy, very durable
* drop forged jaws from tool carbon steel, oil hardened
* lacquered housing * can be mounted on our portable tristand

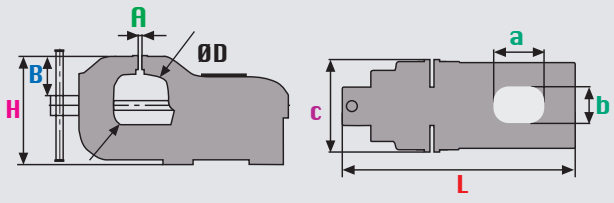
728 PORTABLE KIT YOKE VICE

Code	L	max		
601116	1/8" - 2"	70	4800	1

* housing from special alloy, portable * drop forged jaws from tool carbon steel, oil hardened * lacquered housing * can be mounted on work bench, scaffolding or tube

722 ENGINEERS VICES WITH FIXED BASE

- housing from special alloy
- drop forged jaws from tool carbon steel
- replaceable jaws
- gray lacquered



Code	C	A max	L	ØD	B	a x b	c	H		
612155	80	70	220	10 - 25	45	45x23	80	115	5100	1
612156	100	100	270	14– 30	55	55x40	82	143	9400	1
612157	125	140	330	16– 60	75	80x42	102	178	15000	1
612158	150	160	420	18– 62	90	110x50	130	205	28000	1
612159	175	160	420	18– 62	90	110x50	130	205	29000	1
612160	200	200	440	20 - 90	105	125x52	140	225	32000	1

740 TRISTAND

Code	max height		
601124	950	15300	1

* working surface made from hard aluminium alloy, tool tray from steel sheet metal * collapsible, easy to transport
* suitable for use with vice (art. 725) and tube bender (art. 352)
* suitable for bending 3/8", 1/2" and 3/4" (with heating) tubes
* the stand should be braced against a ceiling with 1" tube

730 YOKE VICE WITH STAND

Code	L	max		
601117	1/8" - 3"	100	21000	1

* adjustable distance between front and back legs (connection is a 2" scaffolding tube)
* front legs should be fastened into the ground

741 TRISTAND

Code	max height		
607347	1000	18000	1

* designed for maximum stability

GRIP PLIERS, CLAMPS

POWER IN YOUR HAND

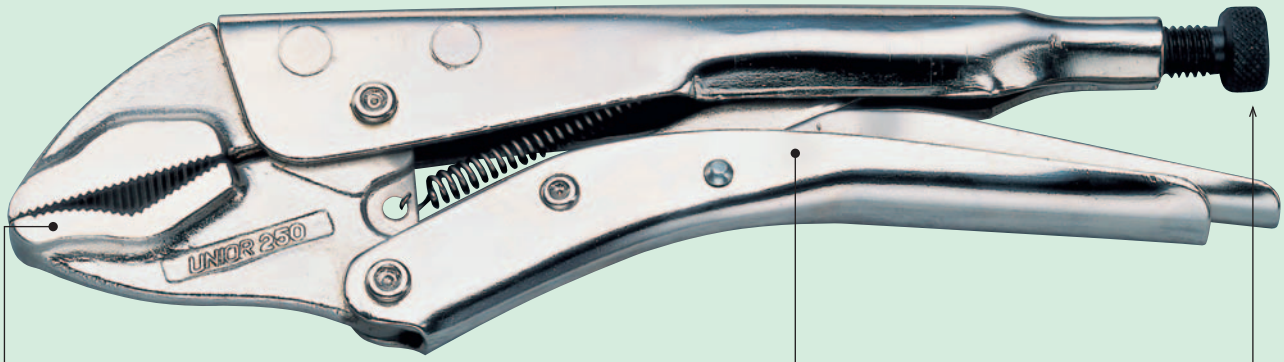
FEATURES OF UNIOR'S GRIP PLIERS

149	universal lock - grip pliers	429
149	universal look - grip pliers	430
149	welders' lock - grip pliers	432 A
149	welders' lock - grip pliers	432 B
150	welder's lock - grip pliers	432 V
150	welders' lock - grip pliers	432 C
150	welders' lock - grip pliers	432 D
151	joiner 's clamp universal	703
151	joiner ` s clamp	702
151	joiner's clamp	702/1
151	joiner's clamp universal	703/1
152	heavy duty engineering clamp	705
152	quick action clamp	704

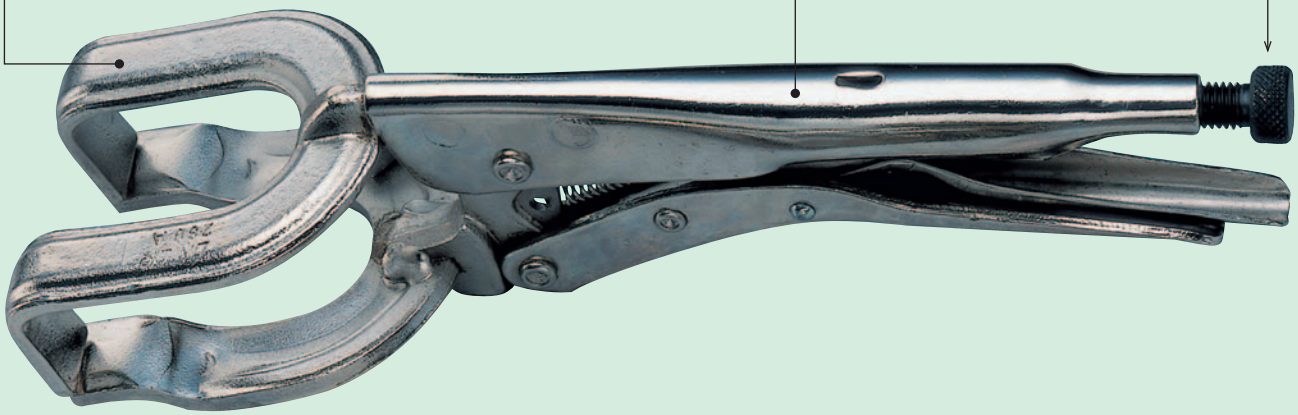
GRIP PLIERS, CLAMPS

POWER IN YOUR HAND

FEATURES OF UNIOR'S GRIP PLIERS



* JAWS DROP FORGED FROM SPECIAL TOOL STEEL
* HANDLES MADE FROM SHEET STEEL
* SURFACE FINISH: NICKEL PLATED
* SCREW PHOSPHATIZED



ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

430

429

432 A

432 B

430 UNIVERSAL LOCK - GRIP PLIERS

Code	L	ø mm		
601551	175	30	360	10
601552	250	35	590	10
601553	300	40	1010	5

429 UNIVERSAL LOCK - GRIP PLIERS

* symmetric jaws

Code	L	ø mm		
605206	250	35	580	10

432 A WELDERS` LOCK - GRIP PLIERS

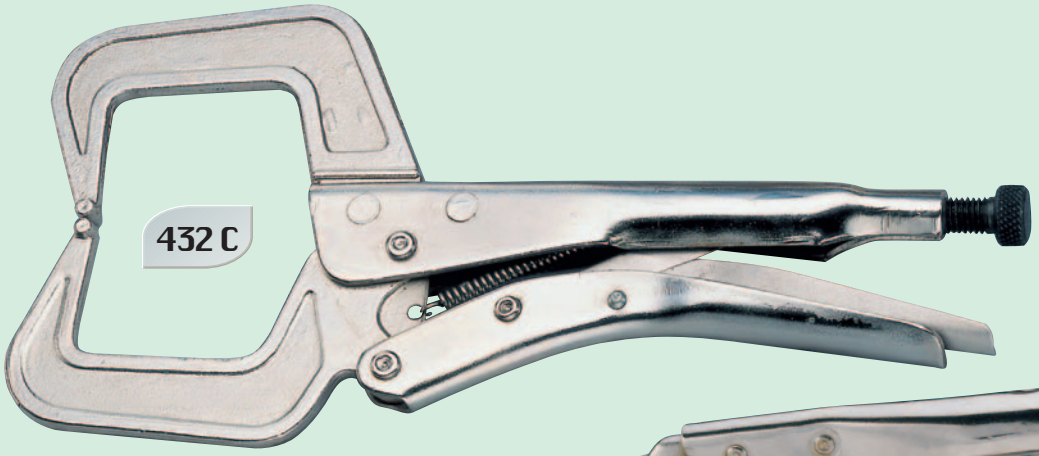
* for angle tubes

Code	L		
601142	280	810	5

432 B WELDERS` LOCK - GRIP PLIERS

* for tubes

Code	L		
601143	280	830	5



432 C WELDERS` LOCK – GRIP PLIERS

* for metal sheets and profiles

Code	L		
601144	280	700	5

432 D WELDERS` LOCK – GRIP PLIERS

* used for welding of flat or angle profiles at angle 90°
* possible clamping of different thicknesses (max 40 mm)

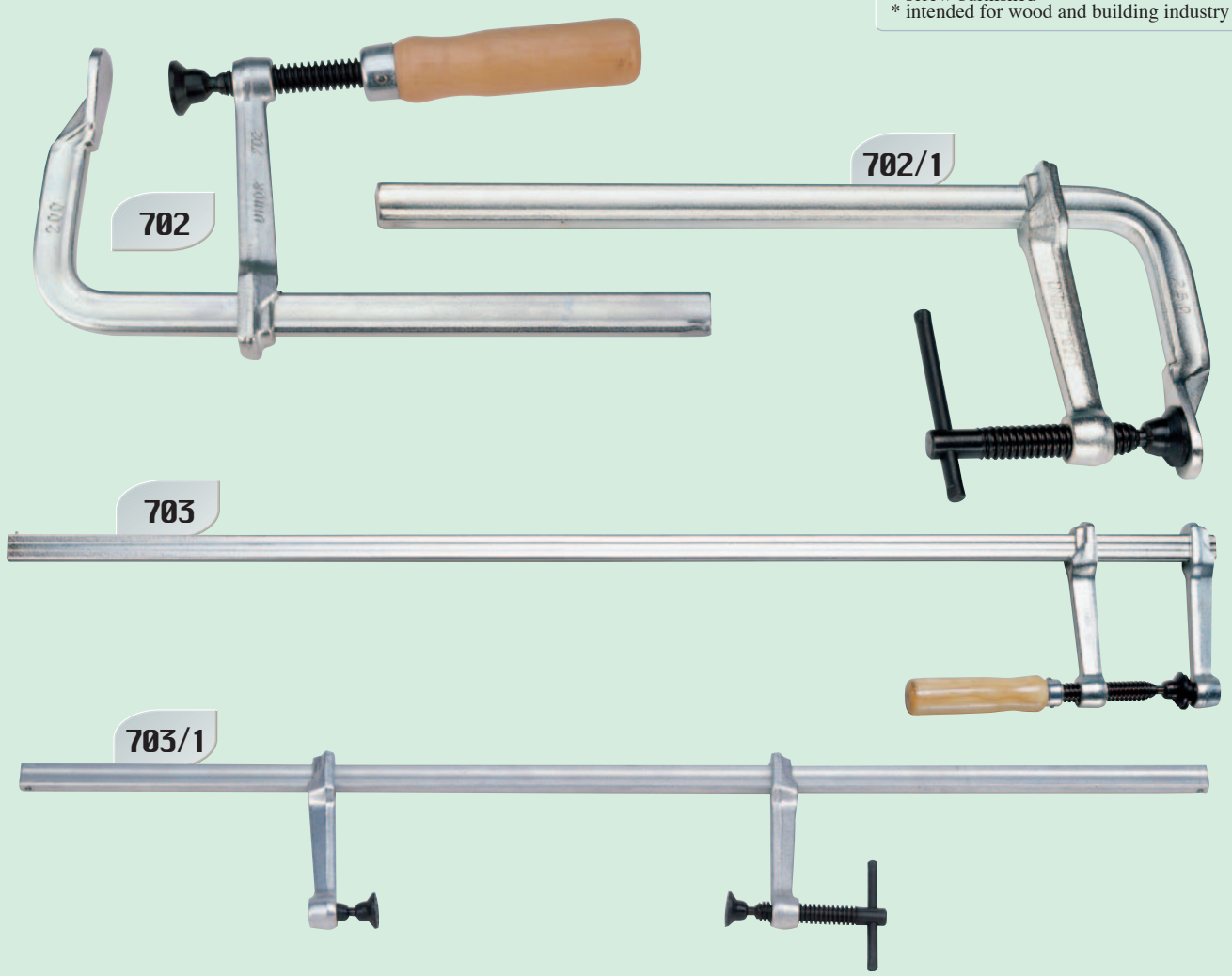
Code	L		
603464	280	1200	1

432 U WELDERS` LOCK – GRIP PLIERS

* used for welding of round profiles at angle 90°
* possible clamping of different thicknesses (min 10 mm, max 40 mm)

Code	L		
603463	280	1100	1

* material: carbon tool steel
* surface finish: zinc plated
* screw burnished
* intended for wood and building industry



702 JOINER`S CLAMP

* wooden handle, lacquered

Code	L max	H		
601783	120	100	710	5
601784	160	100	760	5
601785	200	100	810	5
601786	250	100	870	5
601787	300	120	1730	2
601788	400	120	1970	2
601789	500	120	2150	2
601790	600	120	2310	2
601791	800	120	2830	2
601792	1000	120	3270	2

702/1 JOINER`S CLAMP

* metal handle

Code	L max	H		
608433	120	100	710	5
608434	160	100	760	5
608435	200	100	810	5
608436	250	100	870	5
608360	300	120	1730	2
608437	400	120	1970	2
608438	500	120	2150	2
608439	600	120	2310	2
608440	800	120	2830	2
608441	1000	120	3270	2

703 JOINER`S CLAMP UNIVERSAL

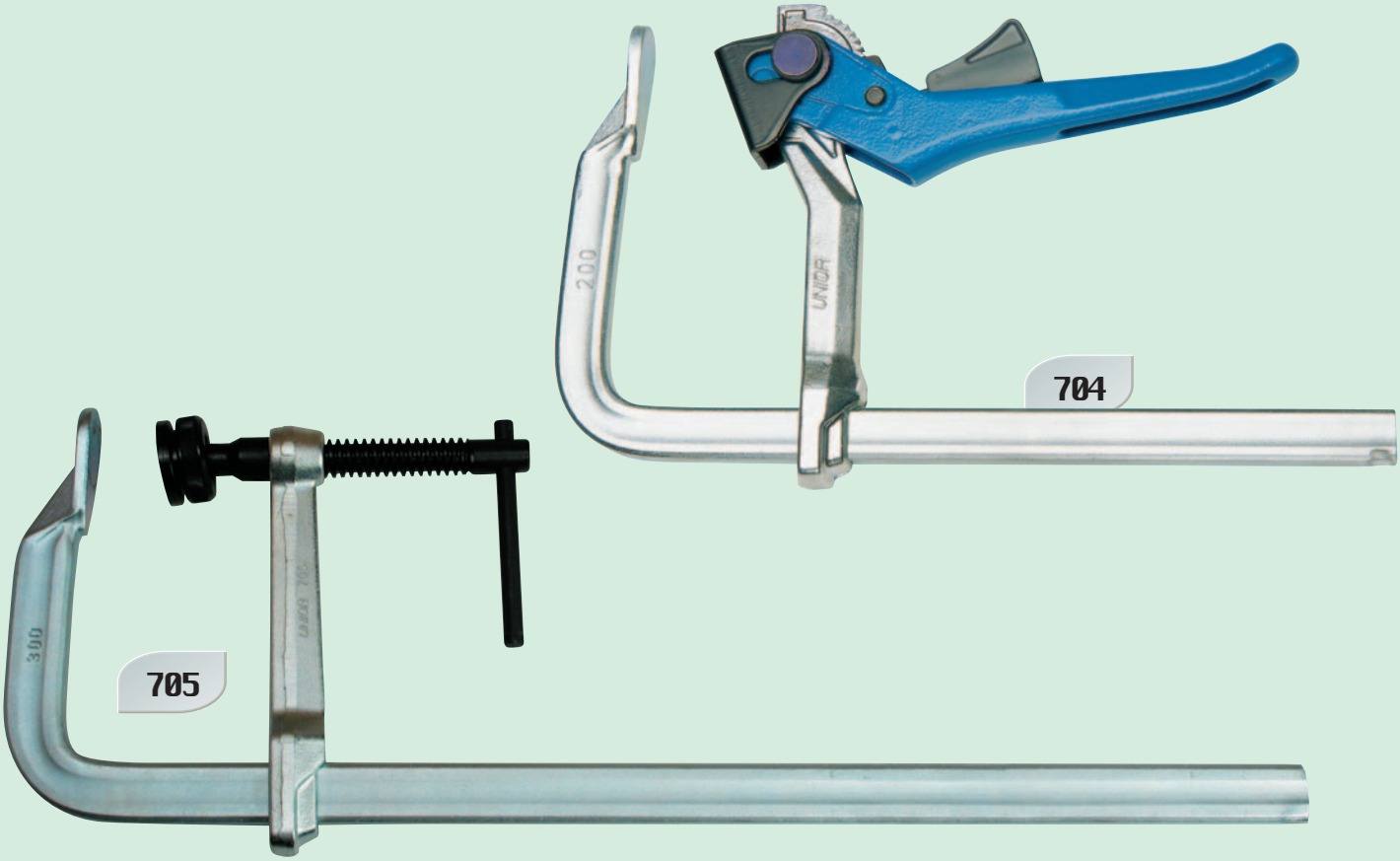
* wooden handle, lacquered
* intended for wood and building industry
* for internal and external clamping

Code	handle	L	H		
607346	wooden	1000	120	3300	2

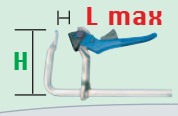
703/1 JOINER`S CLAMP UNIVERSAL

* metal handle
* intended for wood and building industry
* for internal and external clamping

Code	handle	L	H		
608230	metal	1000	120	3000	2



704 QUICK ACTION CLAMP



Code	L max	H		
609961	160	120	1110	5
609962	200	120	1170	5
609963	250	120	1220	5
609964	300	140	2540	2
609965	400	140	2660	2
609966	500	140	2910	2
609967	600	140	3140	2
609972	800	140	3630	2
609973	1000	140	4120	2

* Powerful and reliable clamping is achieved with the minimum of effort.
* The bar made from high quality steel of special UNIOR profile. Is hardened, tempered and elektroplated. The foot is forged.
* The sliding jaw is drop forged, hardened, tempered and electroplated.
* The handle is ergonomically designed and is protected with lacquer. Accidental opening of the clamp is prevented by the locking pawl.

704

* The bar is made from high quality steel of special UNIOR profile. Is hardened, tempered and elektroplated. The foot is forged.
* The sliding jaw is drop forged, hardened, tempered and electroplated.
* The foot is replaceable and swivels to clamp irregular shaped objects. The spindle has a rolled thread to provide ease of movement and maximum clamping force.
* The foot, spindle and handle are protected against corrosion.

705

705 HAVY DUTY ENGINEERING CLAMP

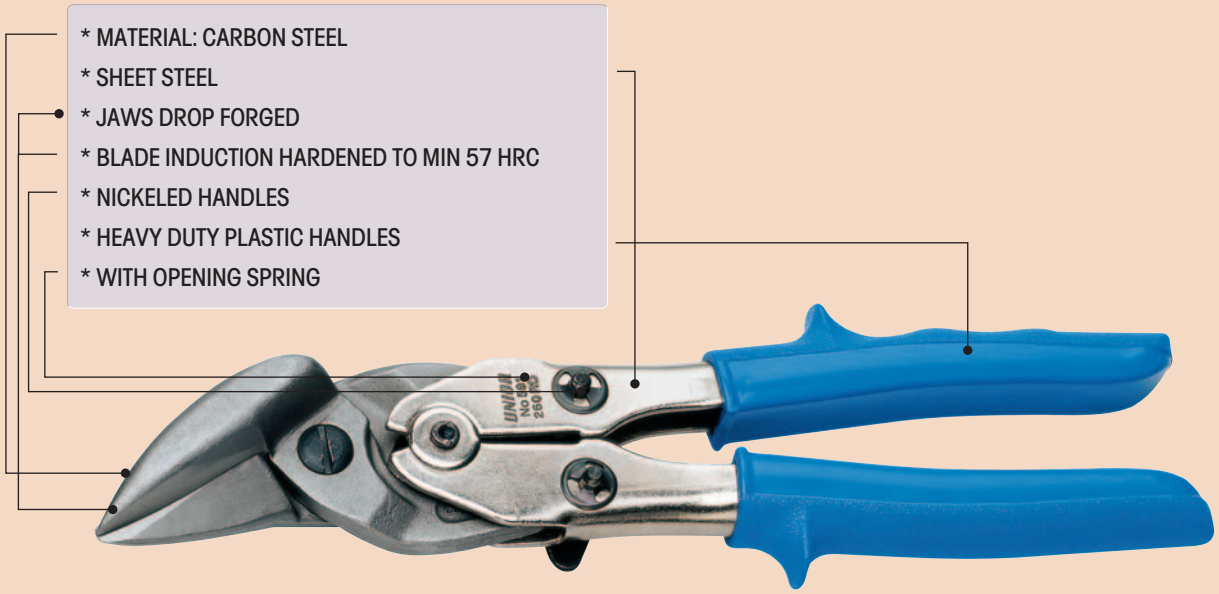
Code	L max	H		
609974	160	120	1920	2
609968	200	120	1960	2
609982	250	120	2147	2
609969	300	140	2220	2
609970	400	140	2440	2
609971	500	140	2690	2
609975	600	140	2930	2
609983	800	140	3565	2
609984	1000	140	4080	2

FEATURES OF UNIOR'S TIN SNIPS

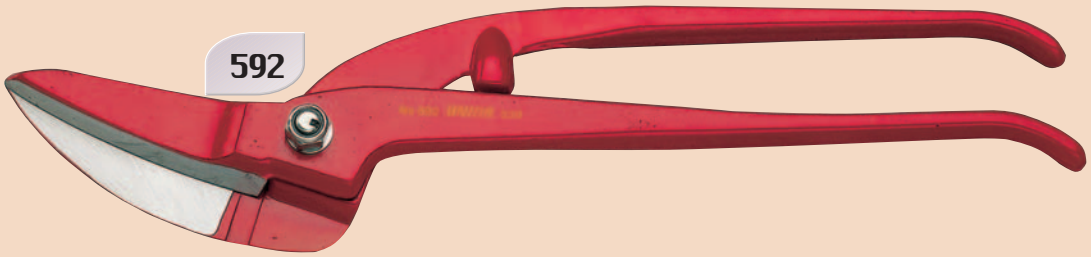
155	shape tin snips	572
155	tin snips "pelican"	592
155	universal tin snips	563
156	shape tin snips	566
156	tin snips "berliner" type	569
156	tin snips "ideal"	568
156	tin snips "pelican"	567
156	universal tin snips	565
157	lever shape tin snips	571
157	lever tin snips "ideal"	561
157	lever tin snips "pelican"	591
157	set of tin snips	575
158	cable shears	580 BI
158	electrican's scissors	582
158	nibbler	562
158	PVC pipe cutter	583
158	spare cutter for 562	562.1
158	spare cutter for 583	583.1
159	anvil pruner	550
159	easy - cut pruner with aluminium handles	544
159	spare blade for 550	550.2
159	spare parts set for 544	544.2
159	spare parts set for 550	550.1
159	spare spring for 544	544.1
159	spare spring for 550	550.3
160	grape shears	546
160	prunning shears	540
160	prunning shears	542
160	spare spring for 542	542.1
160	spare spring for 546	546.1
161	spare blade for 554	554.1
161	spare blade for 555	555.1
161	spare jaw for 554 and 555	554.2
161	tree pruner	554
161	tree pruner	555
162	bow saw	755
162	hand saw	757
162	prunning saw	752
162	saw	753 P
162	saw	753 W
162	spare blade for 755	755.1
163	hacksaw frame	750
163	spare blade for 556	556.1
163	spare blade for 556 B	556.1B
163	spare blade for 750	750.1A
163	utility knife	556 B
163	utility knife	556
164	bolt cutter	595 A
164	bolt cutter	596 A
164	spare parts set for 595A	595.1A
164	spare parts set for 596A	596.1A
165	bolt cutter	596/2 A
165	bolt cutter	596/3
165	spare parts set for 596/2 A	596.1/2 A
165	spare parts set for 596/3	596.1/3
166	flat scraber	777 A
166	spoon scraber	777 B
166	triangolar spoon scraber	777 C
167	flat files, bastard	760 B
167	flat files, half smooth	760 1/2 S
167	flat files, smooth	760 S
167	half-round files,bastard	761 B
167	half-round files,half smooth	761 1/2 S
167	half-round files,smooth	761 S
167	square files, bastard	765 B
167	square files, half smooth	765 1/2 S
167	square files, smooth	765 S
168	round files, bastard	763 B
168	round files, half smooth	763 1/2 S
168	round files, smooth	763 S
168	three-square files, bastard	764 B
168	three-square files, half smooth	764 1/2 S
168	three-square files, smooth	764 S
169	set of files, bastard	762/5 B
169	set of files, half smooth	762/5 1/2 S
169	set of files, smooth	762/5 S
170	flat rasp, smooth	767 1/2 S
170	half-round rasp,smooth	768 1/2 S
170	round rasp, smooth	769 1/2 S
170	handle for files	766
171	depressed center cutting-off wheels, for steel	1200/2
171	depressed center grinding wheels, for steel	1202/2
171	flat cutting-off wheels, for steel	1200/1
171	flat cutting-off wheels, for steel	1210
172	depressed center cutting-off wheels, for stone	1205/2
172	depressed center grinding wheels, for stone	1207/2
172	flap disc	1216
172	flat cutting-off wheels, for stone	1205/1

F E A T U R E S O F U N I O R ' S T I N S N I P S

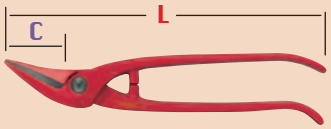
F E A T U R E S O F U N I O R ' S L E V E R T I N S N I P S


* MATERIAL: CARBON STEEL
* SHEET STEEL
* JAWS DROP FORGED
* BLADE INDUCTION HARDENED TO MIN 57 HRC
* NICKELED HANDLES
* HEAVY DUTY PLASTIC HANDLES
* WITH OPENING SPRING

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.



563 UNIVERSAL TIN SNIPS



* type: right (R) and left (L)

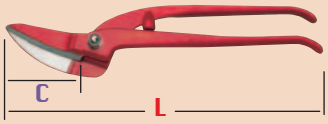
Code	type	L	C		
601562	R	280	51	520	10
601563	L	280	51	520	10

572 SHAPE TIN SNIPS

* type: right (R) and left (L)

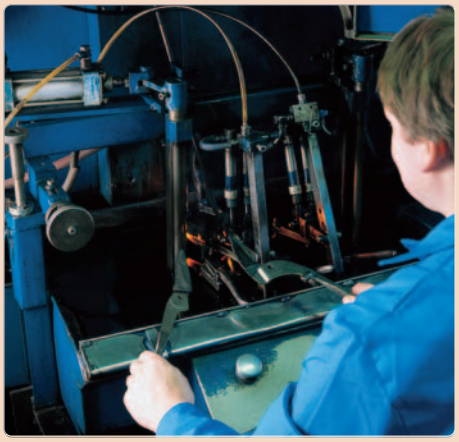
Code	type	L	C		
601568	R	280	50	480	10
601567	L	280	50	480	10

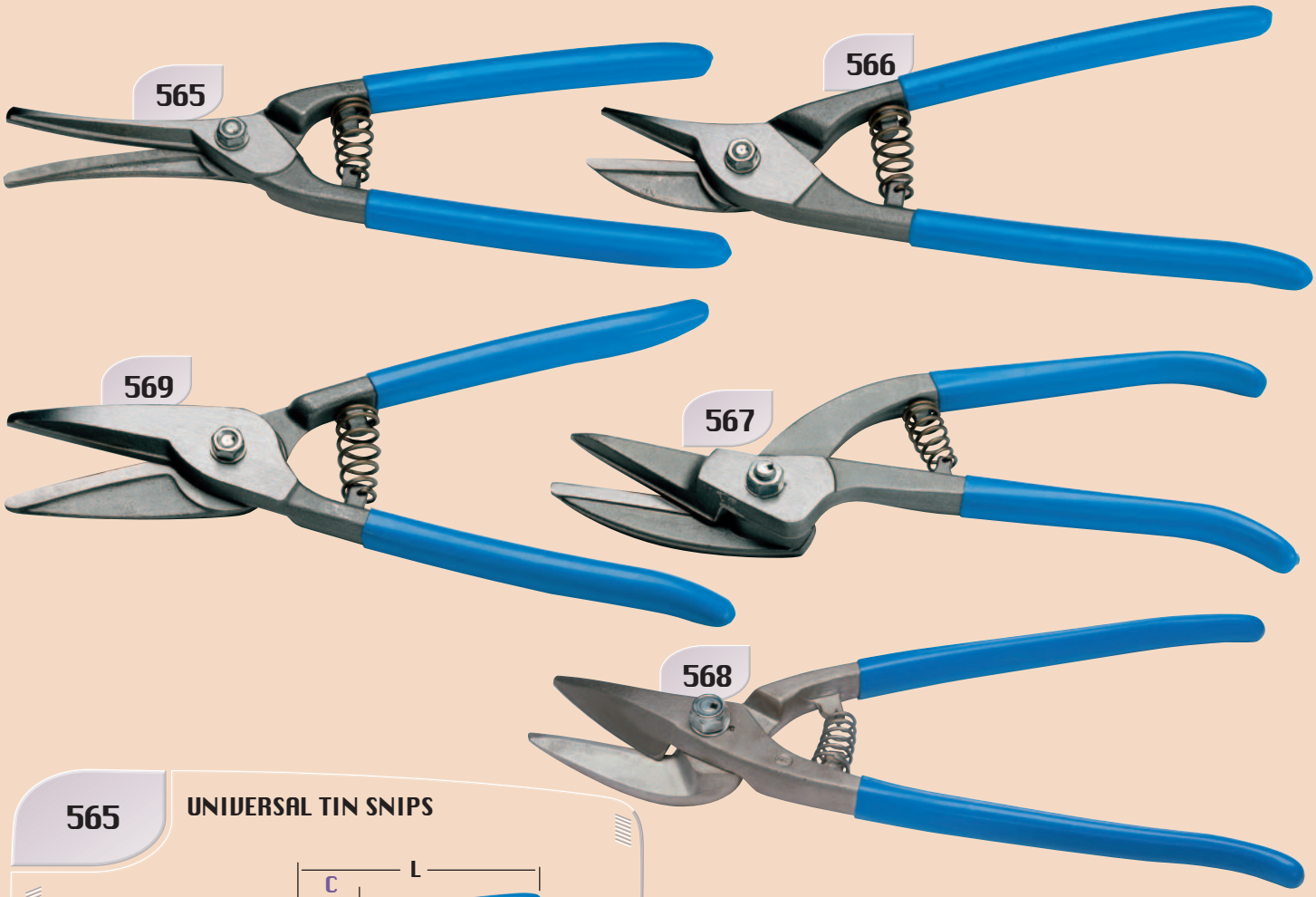
592 TIN SNIPS "PELICAN"



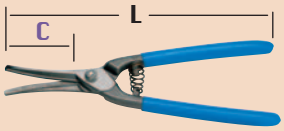
* type: right (R)

Code	type	L	C		
601564	R	350	90	880	1



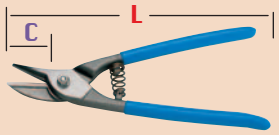


565 UNIVERSAL TIN SNIPS



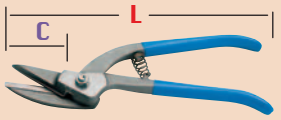
Code	type	L	C		
609332	R	250	40	470	10

566 SHAPE TIN SNIPS



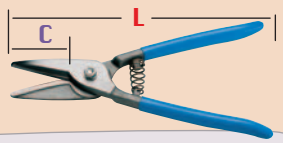
Code	type	L	C		
609333	R	250	40	475	10

567 TIN SNIPS "PELICAN"



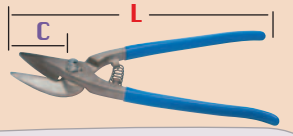
Code	type	L	C		
609335	R	290	65	683	10

569 TIN SNIPS "BERLINER" TYPE



Code	type	L	C		
609334	R	350	55	473	10

568 TIN SNIPS "IDEAL"



Code	type	L	C		
609336	R	250	70	427	10
610945	L	250	70	427	10

* material: carbon steel
* drop forged
* blade induction hardened to min.57 HRc
* entirely hardened
* ground head
* rust prevention
* handles plastic dipped
* spring for reopening

561

571

591

* material: jaws drop forged from carbon steel
* handles from steel sheet
* blade induction hardened to min. 57 HRc, by art. 562 52 HRc
* with opening spring
* nickel handles, heavy duty plastic handles

575 SET OF TIN SNIPS ON METAL STAND

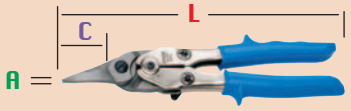
Code	Set/pcs		
611994	40	21152	1

CONTENTS:

Art.	mm	pcs
561	260	5
566	250	5
567	290	5
568	250 R	5
569	250 L	5
571	260 R	5
591	260 R	5
591	260 L	5

571 LEVER SHAPE TIN SNIPS

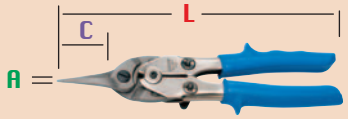
* type: right (R) and left (L)



Code	type	L	A	C		
608773	R	260	2	40	480	10
608774	L	260	2	40	480	10

561 LEVER TIN SNIPS "IDEAL"

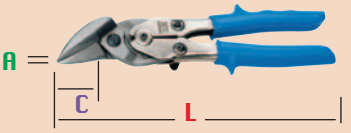
* type: right (R)



Code	type	L	A	C		
608771	R	260	2	47.5	460	10

591 LEVER TIN SNIPS "PELICAN"

* type: right (R) and left (L)



Code	type	L	A	C		
608775	R	260	4.5	37	480	1
608776	L	260	4.5	37	480	1

562

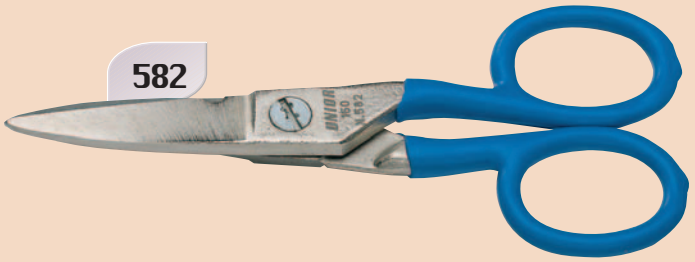
Art. 562.1

580 BI

583

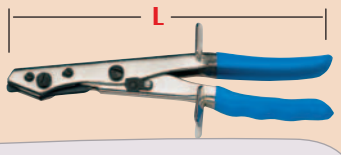
Art. 583.1

582



562 NIBBLER

* serrated centre cutter
* anti-slip guard on handle
* lock to prevent accidental opening
* spring loaded return
* surface finish: nickel plated



Code	L		
608772	250	475	1

art. 562.1 spare parts

Code	L		
601569	250	475	10

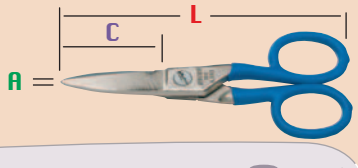
580 BI CABLE SHEARS

* material: chrome vanadium
* drop forged
* entirely hardened to 39 HRC
* blades induction hardened to min.54 HRC
* jaws polished
* surface finish: chrome plated
* heavy duty double – component handles
* for cutting the cable without steel wire

Code	L	A	cutting capacities Ø		
609238	170	22	10	260	1
609239	230	22	17	510	1

582 ELECTRICIANS` SCISSORS

* material: carbon steel
* drop forged
* blades induction hardened
* surface finish: nickel plated
* handles plastic dipped



Code	L	A	C		
601127	140	1	52	80	10

583 PVC PIPE CUTTER

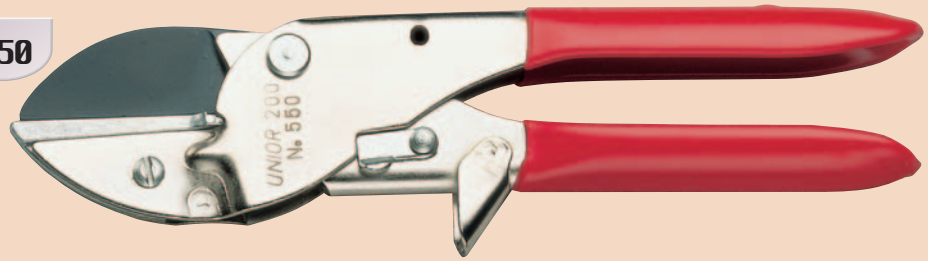
* material: blade- molybdenium stainless steel
  handles- alloy aluminium
* intended for cutting of PVC pipes of 1.5" thickness
* right angle cuts are assured
* ratchet action cutting

Code	L	Ø pipe		
605418	195	1"	266	1
609405	210	1.5"	400	1

583.1 spare parts

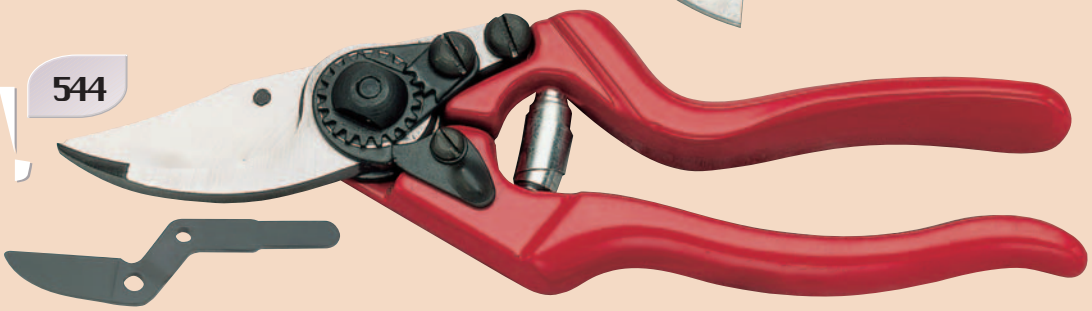
Code	Spare parts	
605419	cutter 1"	1
609406	cutter 1.5"	1

550



Art. 550.1

544



Art. 544.1

Art. 544.2

550 ANVIL PRUNER

* material: blade from alloy steel
* cutting parts hardened and tempered to min. 50 HRC
* aluminium moveable jaw
* teflon coated blade
* surface finish: nickeled
* lock to prevent accidental opening
* anti-slip guard
* used for general garden cutting
* handles plastic dipped

Code	L		
601590	200	285	1

550.1 spare parts

Code	Spare parts	
601585	blade+jaw+rivet+bush	1

550.2 spare parts

Code	Spare parts	
601592	blade	1

550.3 spare parts

Code	Spare parts	
601591	laminated spring	1

544 EASY - CUT PRUNER WITH ALUMINIUM HANDLES

* material: blade from alloy steel
* aluminium handles
* cutting parts hardened and tempered to min. 50 HRC
* cutting parts sharply ground, replaceable
* special ergonomic design
* head ground, handles lacquered

Code	L		
601580	220	260	1

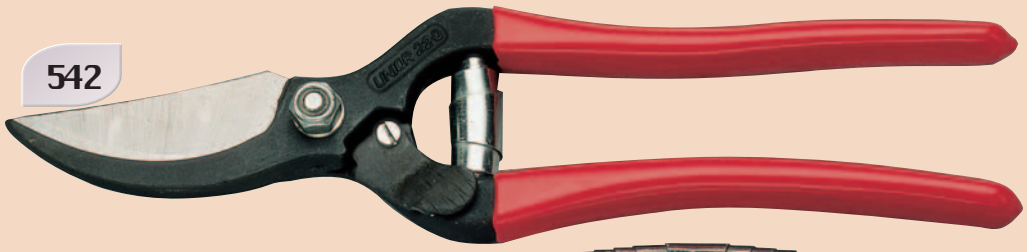
544.1 spare parts

Code	Spare parts	
601582	spring	1

544.2 spare parts

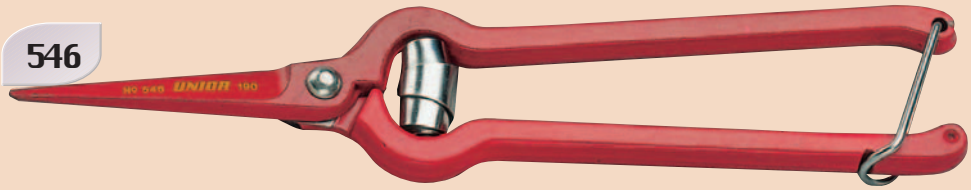
Code	Spare parts	
601581	blade+jaw	1

542



Art. 542.1

546



Art. 546.1

540

542 PRUNING SHEARS

* material: carbon steel
* cutting edge induction hardened and tempered
* surface finish: phosphatized
* plastic dipped handles

Code	L		
601578	220	300	1

542.1 spare parts

Code	Spare parts	
603870	spring	1

540 PRUNING SHEARS

* material: carbon steel
* comfortable handles, suitable for rose pruning
* cutting edge induction hardened
* surface finish: nickel plated
* can be locked closed
* heavy duty plastic handles

Code	L		
601577	190	150	1

546 GRAPE SHEARS

* material: carbon steel
* handles and cutting parts drop forged
* blades induction hardened, blades ground
* surface finish: lacquered

Code	L		
601583	190	140	1

546.1 spare parts

Code	Spare parts	
601584	spring	1

554

Art. 554.1

Art. 554.2

555

Art. 555.1

Art. 554.2

554 TREE PRUNER

* material: blade from alloy steel
* aluminium bottom jaw, steel handles
* jaws hardened and tempered to 35 HRC
* blade induction hardened to 50 HRC, sharply ground, teflon coated
* for trimming branches
* cutting capacity Ø 25 mm
* one joint performance
* lacquered handles with heavy duty sleeves

Code	L		
601595	650	1420	1

554.1 spare parts

Code	Spare parts	
605213	blade	1

554.2 spare parts for art. 554 and art. 555

Code	Spare parts	
605236	aluminium jaw	1

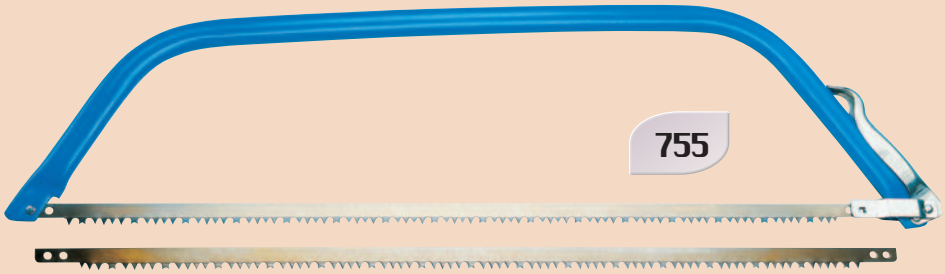
555 TREE PRUNER

* material: blade from alloy steel
* aluminium bottom jaw, steel handles
* jaws hardened and tempered to 35 HRC
* blade induction hardened to 50 HRC, sharply ground, teflon coated
* for trimming branches
* cutting capacity Ø 40 mm
* double joint performance
* lacquered handles with heavy duty sleeves

Code	L		
603522	750	1870	1

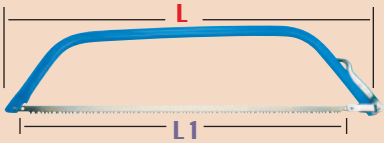
555.1 spare parts

Code	Spare parts	
605214	blade	1



755.1 spare parts

755 BOW SAW



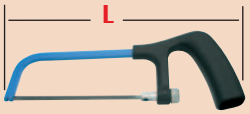
* material: blade C75 stäl
* handle steel 12.03

Code	L1	L		
612236	610	700	440	1
609407	762	850	660	1
609408	914	1000	880	1

755.1 spare parts

Code	Spare parts	
612237	blade 610 mm	10
609409	blade 762 mm	10
609410	blade 914 mm	10

753 P SAW



* plastic handle
* repleceable blade

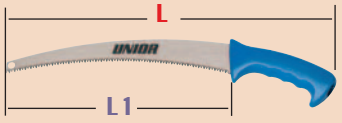
Code	L		
612164	150	105	12

757 HAND SAW

* material: blade C75 stäl
* handle polystyrene

Code	L1	L		
609423	400	493	370	1

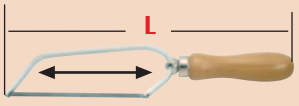
752 PRUNNING SAW



* material: blade C75 stäl
* handle polystyrene

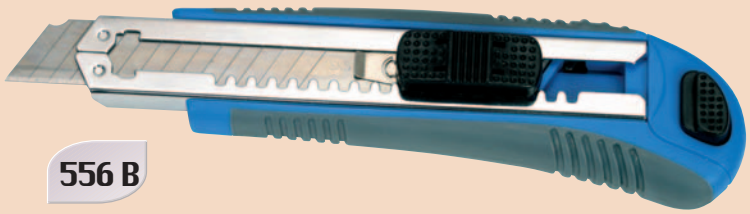
Code	L1	L		
609424	330	497	190	1

753 W SAW

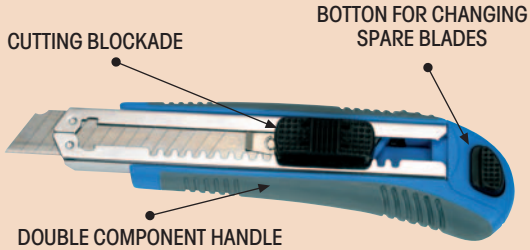


* wooden handle
* adjustable handle
* replaceable blade

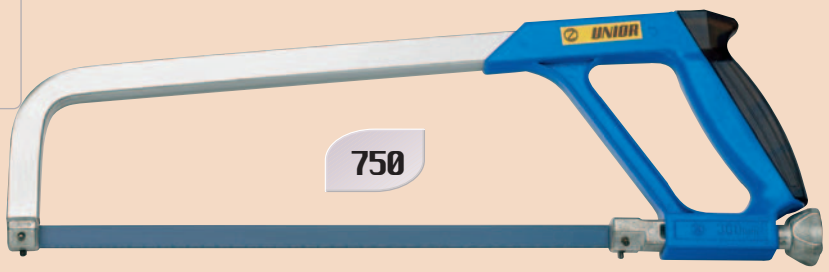
Code	L		
612163	150	122	12



556 B

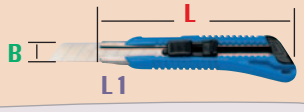


556

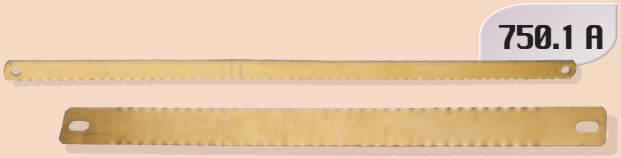


750

556 UTILITY KNIFE

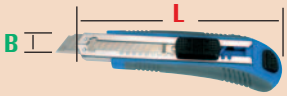


Code	L	B		
609425	160	18	85	10



750.1 A

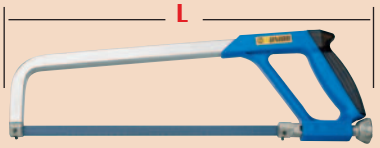
556 B UTILITY KNIFE



- double component handle
- 8 automatic exchangeable snap-off blades inside
- blade have 13 snap-off blades
- blade from high alloy carbon steel

Code	B	L		
612136	18	160	110	12

750 HACKSAW FRAME



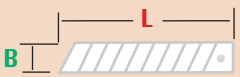
Code	art.	L		
601890	750/1	407	780	1
601891	750/6	407	800	1

* light compact and ergonomically designed handle
* three blade position
* blades storage in the frame
* frame chrome plated, handle blue lacquered
* art. 750/1 with one blade
* art. 750/6 with 6 blades

556.1 SPARE BLADE FOR UTILITY KNIFE 556

Code	L	B		
609426	140	18	15	10

556. 1B SPARE BLADE FOR UTILITY KNIFE



Code	B	L		
612137	18	140	15	10

BLADE HAS BEEN MOVED WITH CUTTING BLOCKADE FORWARD.
IF BLADE LOOSED THE SHARP, WILL BE KNOCKED OFF
WHEN THE LAST BLADE HAS BEEN USED UP, REMMANT BLADE WILL BE REMOVED WITH PUSHING CUTTING BLOCKADE FORWARD.
NEW BLADE WILL BE INSERTED WITH PUSHING CUTTING BLOCKADE BACKWARDS.

750.1 A SPARE BLADE FOR HACKSAW art.750

Code	for dimension				
610955	300	1/1	bimetall	10	100
610956	300	2/2	bimetall	20	100

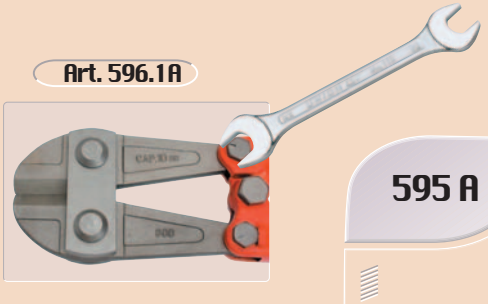
596 A

* ergononmic shape
* neoprene grip
* easier to grip

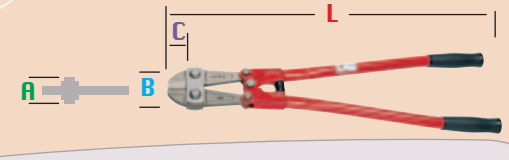
595 A

Art. 595.1A

Art. 596.1A



596 A BOLT CUTTER



Code	L	A	B	C		
610963	300	26	40	16	800	1
610964	350	26	55	24	1100	1
610965	450	34	70	36	1600	1
610966	600	38	84	40	2800	1
610967	750	43	96	46	3900	1
610968	900	47	109	50	6400	1

596.1A spare parts

Code	for dimension		
610969	300	250	1
610970	350	300	1
610971	450	600	1
610972	600	1000	1
610973	750	1300	1
610974	900	2000	1

cutting capacity of bolt cutter art. 596A

L	soft wire 750 N/m^2	hard wire 1560N/mm^2
300	5	3
350	5	3,5
450	8	5
600	10	7
750	13	8
900	16	9

595 A BOLT CUTTER

Code	L	A	B	C		
612127	750	43	95	38	4200	1
612128	900	43	108	45	4900	1

595.1A spare parts

Code	for dimension			
612129	750	jaw+screws+2 nuts	1400	1
612130	900	jaw+screws+2 nuts	1800	1

cutting capacities

L	hard wire 1560N/mm^2	soft wire 750 mm^2
750	Ø 5 mm	Ø 12 mm
900	Ø 7 mm	Ø 14 mm

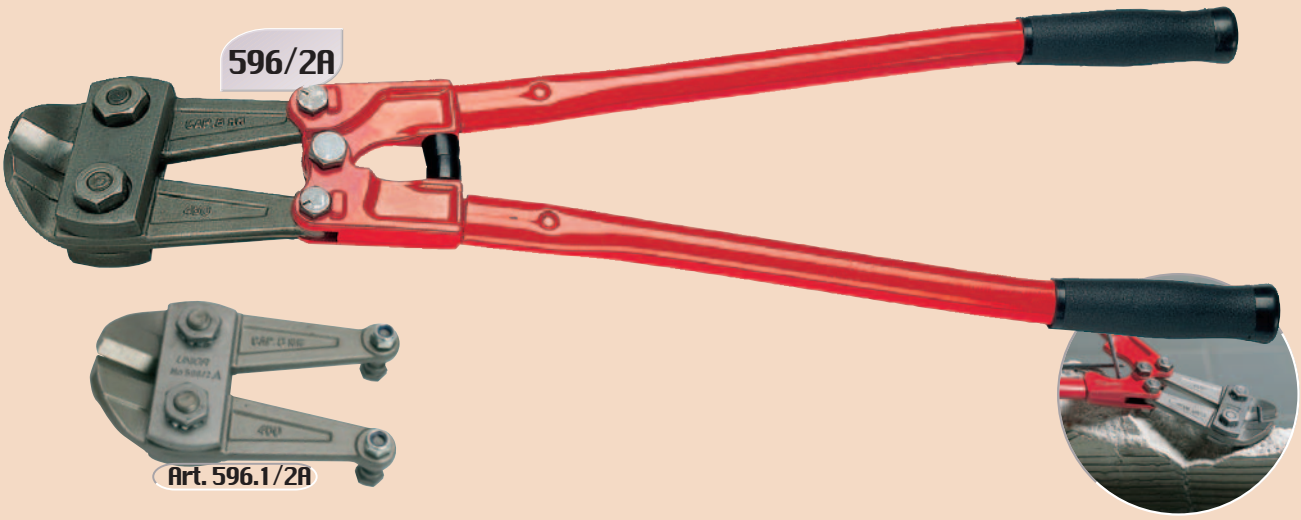
* material: cutters – special tool steel, drop forged, hardened and tempered
* cutting edges separately inductive hardened
* jaws with double sided cutting edges, exchangeable and adjustable
* tube steel handles, lacquered
* heavy duty plastic handles

ADVANTAGES OF IMPROVED BOLT CUTTERS ART. 596 A

MODIFIACATIONS:
* Exchange of exc. screws on the jaws with cylindrical ones
* Longitudinal moving of jaws protected by roller, previously by teeth
* Introduction of exc. jaws for adjusting of blades on the joints
* Protection of exc. screws against unscrewing
* Modification of forged piece of joint and introduction of schock absorbers
* Ergonomically shaped handles

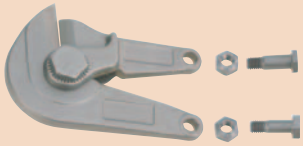
THE MODIFICATIONS BRING THE FOLLOWING ADVANTAGES
* Screws on jaws have the low and round head, what improves the accessibility to the bolt cutters. The body is ribbed at the head, so that they are ramed into the binding iron sheet, what prevents the unscrewing.
* Making of boreholes by punching on the iron sheet improves the precision
* Protection of longitudinal moving of jaws with rollers improves the equality of jaw lengths
* Making of jaws and joint in the CNC center ensures the precision – equality of products
* Protection of exc. screws for adjusting of blades with forged convexities ensures the 100% protection against unscrewing
* Shock-absorbers on the joints absorb the shocks of handles, which appear at the cutting of iron concrete.

596/2A



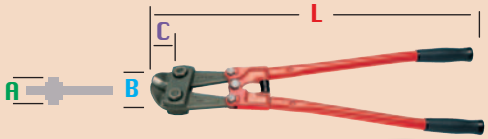
Art. 596.1/2A

596/3



Art. 596.1/3

596 /2A BOLT CUTTER



Code	L	A	B	C		
610975	450	34	70	29	1600	1
610976	600	36	84	32	2800	1

* the same modifications and advantapes likes by art. No. 596 A

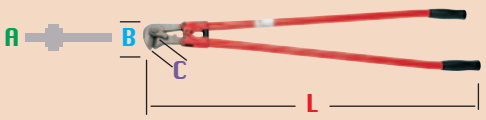
596.1/2 A spare parts

Code	for dimension		
610977	450	600	1
610978	600	1000	1

cutting capacity of bolt cutter art. 596A

L	soft wire 750 N/m^2	hard wire 1560N/mm^2
450	8	5
600	10	7

596/3 BOLT CUTTER



Code	L	A	B	C		
607153	600	46	100	43	2800	1
610228	800	46	100	43	3600	1
608442	1000	46	100	43	4500	1

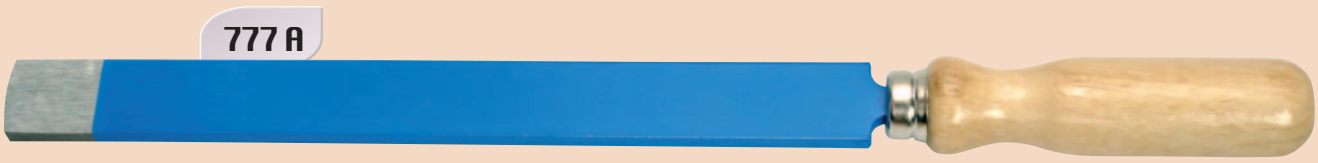
596.1/3 spare parts

Code	for dimension			
607968	600,800,1000	jaw+screws+2 nuts	900	1

cutting capacities

L	hard wire 1560N/mm^2	soft wire 750 mm^2
600	Ø11 mm	Ø13 mm
800	Ø11 mm	Ø13 mm
1000	Ø11 mm	Ø13 mm

* material: cutters – special tool steel, drop forged, hardened and tempered
* jaws exchangeable and adjustable, regulated with excentric screws
* cutting edges separately inductive hardened
* tube steel handles, lacquered, heavy duty plastic handles



777 A FLAT SCRAPER

Material: alloy tool steel
Blade ground, shank blue lacquered
wooden handle

Code	dim	mm	L		
612227	150	20x5	255	140	10
612228	200	20x5	325	170	10
612229	250	25x6	370	300	10

777 C TRIANGOLAR SPOON SCRAPER

Material: alloy tool steel
Blade ground, shank blue lacquered
wooden handle

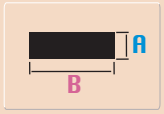
Code	dim	mm	L		
612233	150	8	255	120	10
612234	200	8	325	140	10
612235	250	8	370	180	10

777 B SPOON SCRAPER

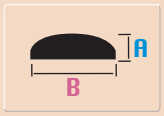
Material: alloy tool steel
Blade ground, shank blue lacquered
wooden handle

Code	dim	mm	L		
612230	150	8	255	100	10
612231	200	8	325	130	10
612232	250	8	370	160	10

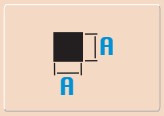
* material: high carbon- content steel
* files hardness 60-65 HRc
* files are delivered without handle
* files are in acordance with standards DIN 7261
* all files has second cut



760



761



765

760 B FLAT FILES, bastard

Code	L	B x A		
610853	200	20x5	180	10
610854	250	26x7	290	10
610855	300	30x8	480	10

761 B HALF-ROUND FILES, bastard

Code	L	B x A		
610862	200	21x7	160	10
610863	250	24x8	260	10
610864	300	30x10	460	10

765 B SQUARE FILES, bastard

Code	L	B x A		
610871	200	8x8	97	10
610872	250	10x10	190	10
610873	300	12x12	340	10

760 1/2S FLAT FILES, half smooth

Code	L	B x A		
610856	200	20x5	180	10
610857	250	26x7	290	10
610858	300	30x8	480	10

761 1/2S HALF-ROUND FILES, half smooth

Code	L	B x A		
610865	200	21x7	180	10
610866	250	24x8	290	10
610867	300	30x10	460	10

765 1/2S SQUARE FILES, half smooth

Code	L	B x A		
610874	200	8x8	97	10
610875	250	10x10	190	10
610876	300	12x12	340	10

760 S FLAT FILES, smooth

Code	L	B x A		
610859	200	20x5	180	10
610860	250	26x7	290	10
610861	300	30x8	480	10

761 S HALF-ROUND FILES, smooth

Code	L	B x A		
610868	200	20x5	180	10
610869	250	26x7	290	10
610870	300	30x8	460	10

765 S SQUARE FILES, smooth

Code	L	B x A		
610877	200	8x8	97	10
610878	250	10x10	190	10
610879	300	12x12	340	10

* material: high carbon- content steel
* files hardness 60-65 HRc
* files are delivered without handle
* files are in acordance with standards DIN 7261
* all files has second cut

763

764

763 B ROUND FILES, bastard

Code	L	d 0		
610880	200	8	77	10
610881	250	10	130	10
610882	300	12	230	10

763 S ROUND FILES, smooth

Code	L	d 0		
610886	200	8	77	10
610887	250	10	130	10
610888	300	12	230	10

763 1/2S ROUND FILES,half smooth

Code	L	d 0		
610883	200	8	77	10
610884	250	10	130	10
610885	300	12	230	10

764 B THREE-SQUARE FILES, bastard

Code	L	A		
610889	200	14	120	10
610890	250	17	190	10
610891	300	20	370	10

764 1/2S THREE-SQUARE, half smooth

Code	L	A		
610892	200	14	120	10
610893	250	17	190	10
610894	300	20	370	10

764 S THREE-SQUARE FILES, smooth

Code	L	A		
610895	200	14	120	10
610896	250	17	190	10
610897	300	20	370	10

* in sets are files delivered with wooden blue handle

965/20S IN PAGE 263

762/5B SET OF FILES, bastard

Code	Set/pcs		
610946	5	777	1

CONTENTS:

Art.	mm	pcs
760B	200	1
761B	200	1
765B	200	1
763B	200	1
764B	200	1

Code	Set/pcs		
610947	5	1325	1

CONTENTS:

Art.	mm	pcs
760B	250	1
761B	250	1
765B	250	1
763B	250	1
764B	250	1

762/5 1/2S SET OF FILES, half smooth

Code	Set/pcs		
610948	5	777	1

CONTENTS:

Art.	mm	pcs
760 1/2S	200	1
761 1/2S	200	1
765 1/2S	200	1
763 1/2S	200	1
764 1/2S	200	1

Code	Set/pcs		
610949	5	1325	1

CONTENTS:

Art.	mm	pcs
760 1/2S	250	1
761 1/2S	250	1
765 1/2S	250	1
763 1/2S	250	1
764 1/2S	250	1

762/5 S SET OF FILES, smooth

Code	Set/pcs		
610950	5	777	1

CONTENTS:

Art.	mm	pcs
760 S	200	1
761 S	200	1
765 S	200	1
763 S	200	1
764 S	200	1

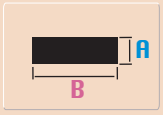
Code	Set/pcs		
610951	5	1325	1

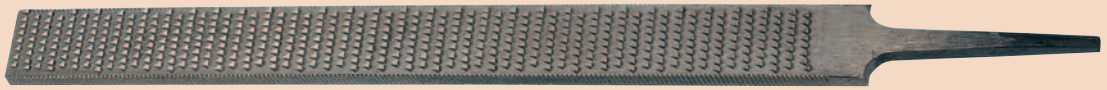
CONTENTS:

Art.	mm	pcs
760 S	250	1
761 S	250	1
765 S	250	1
763 S	250	1
764 S	250	1

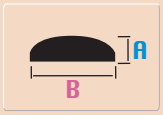
* material: high carbon- content steel
* rasps hardness 50-55 HRc
* rasps are delivered without handle
* rasps are in acordance with standards DIN 7263

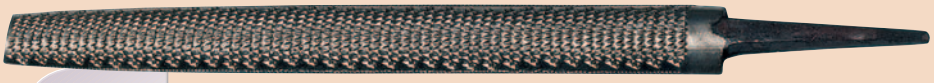
766





767





768

769

766 HANDLE FOR FILES

Code	L		
610983	100	20	10
610985	120	25	10

* material: wood, blue lacquered

768 1/2S HALF-ROUND RASP, half smooth

Code	L	B x A		
611002	200	21x7	150	10
611003	250	24x8	260	10
611004	300	28x9	425	10

769 1/2S ROUND RASP, half smooth

Code	L	d 0		
611008	200	8	77	10
611009	250	10	130	10
611010	300	12	230	10

767 1/2S FLAT RASP, half smooth

Code	L	B x A		
610901	200	20x5	180	10
610902	250	26x7	320	10
610903	300	30x8	480	10

1200/1

1202/2

1210

1200/2

1200/1 FLAT CUTTING-OFF WHEELS, FOR STEEL

Code	DxTxH		
610484	115x3,0x22	72	25
610485	125x3,0x22	87	25
610486	180x3,0x22	160	25
610487	230x3,0x22	282	25

Side reinforced flat cut-off wheels for offhand cutting on angle grinders for operating speed 80 m/s, furnished with one metal hole insert. Cut-off wheel meet requirements of european standard pr EN 12413 and their production is approved by Safety Certificates SUVA 381 and DSA 1818. Side grinding is not allowed.
caracteristic of material: A30S1BF

1200/2 DEPRESSED CENTER CUTTING-OFF WHEELS, FOR STEEL

Code	DxUxH		
610488	115x3,0x22	65	25
610489	125x3,0x22	88	25
610490	180x3,0x22	155	25
610491	230x3,0x22	257	25

Side reinforced flat cut-off wheels for offhand cutting on angle grinders for operating speed 80 m/s, furnished with one metal hole insert. Cut-off wheel meet requirements of european standard pr EN 12413 and their production is approved by Safety Certificates SUVA 381 and DSA 1818. Side grinding is not allowed.
caracteristic of material: A30S1BF

1202/2 DEPRESSED CENTER GRINDING WHEELS, FOR STEEL

Code	DxUxH		
610492	115x4,0x22	90	25
610493	115x6,0x22	147	25
610494	125x6,0x22	162	25
610495	125x8,0x22	235	25
610496	180x6,0x22	334	25
610497	180x8,0x22	476	25
610498	180x10,0x22	558	25
610499	230x6,0x22	554	25
610500	230x8,0x22	743	25

Reinforced depressed centre grinding wheels for offhand grinding on angle grinders for operating speed 80 m/s, furnished with two metal hole insert. The optimum operating angle between the material and the depressed centre grinding wheel is 20° to 35°. Grinding wheels meet requirements of european standard pr EN 12413 and their production is approved by Safety Certificates SUVA 380 and DSA 1848.
caracteristic of material: A30S1BF

1210 FLAT CUTTING-OFF WHEELS, FOR STEEL

Code	DxTxH		
610518	115x1,0x22	24	50
610519	115x1,6x22	39	50
610520	125x1,0x22	31	50
610521	125x1,6x22	50	50
610522	180x1,6x22	91	50
610523	230x1,6x22	150	50

Side reinforced flat cut-off wheels in resin bond for manual cutting on stationary machines with operating speed 80 m/s, furnished with one metal hole insert. Thin cut-off wheel meet requirements of european standard pr EN 12413 and their production is approved by Safety Certificates DSA 1819. Side grinding is not allowed. Thin cut-off wheels are manufactured in specifications for universal steel, stainless steel, cast iron and non ferrous metals.
caracteristic of material: A46SBF

1205/1

1205/2

1207/2

1216

1205/1 FLAT CUTTING-OFF WHEELS, FOR STONE

Code	DxTxH		
610501	115x3,0x22	68	25
610502	125x3,0x22	81	25
610503	180x3,0x22	150	25
610504	230x3,0x22	247	25

Side reinforced depressed cut-off wheels for offhand cutting on angle grinders for operating speed 80 m/s, furnished with one metal hole insert. Cut-off wheel meet requirements of european standard pr EN 12413 and their production is approved by Safety Certificates SUVA 381 and DSA 1818. Side grinding is not allowed.
caracteristic of material: C30P3BF

1207/2 DEPRESSED CENTER GRINDING WHEELS, FOR STONE

Code	DxUxH		
610509	115x4,0x22	83	25
610510	115x6,0x22	125	25
610511	125x6,0x22	147	25
610512	125x8,0x22	207	25
610513	180x6,0x22	324	25
610514	180x8,0x22	426	25
610515	180x10,0x22	538	25
610516	230x6,0x22	498	25
610517	230x8,0x22	743	25

Reinforced depressed centre grinding wheels for offhand grinding on angle grinders for operating speed 80 m/s, furnished with two metal hole insert. The optimum operating angle between the material and the depressed centre grinding wheel is 20° to 35°. Grinding wheels meet requirements of european standard pr EN 12413and their production is approved by Safety Certificates SUVA 380 and DSA 1848.
caracteristic of material: C30P4BF

1205/2 DEPRESSED CENTER CUTTING-OFF WHEELS, FOR STONE

Code	DxUxH		
610505	115x3,0x22	60	25
610506	125x3,0x22	80	25
610507	180x3,0x22	150	25
610508	230x3,0x22	247	25

Side reinforced depressed cut-off wheels for offhand cutting on angle grinders for operating speed 80 m/s, furnished with one metal hole insert. Cut-off wheel meet requirements of european standard pr EN 12413 and their production is approved by Safety Certificates SUVA 381 and DSA 1818. Side grinding is not allowed.
caracteristic of material: C30P3BF

1216 FLAP DISC

Code	D	grits		
610539	115	Z40	75	20
610540	115	Z60	70	20
610541	115	Z80	65	20
610542	115	Z100	60	20
610543	115	Z120	60	20
610544	125	Z40	90	20
610545	125	Z60	80	20
610546	125	Z80	70	20
610547	125	Z100	65	20
610548	125	Z120	65	20
610549	180	Z40	180	20
610550	180	Z60	160	20
610551	180	Z80	150	20
610552	180	Z100	145	20
610553	180	Z120	145	20

flap disc are to be used at the operating peripheral speed 80m/s. Production is approved by Safety CertificatesDSA 2917. **Application**: coarse and fine grinding of brakes, edge grinding and removal of jagged edges, removal of dyes, cleaning of cast iron products, surface grinding. **Field of use**: aluminium, soft materials, steel, plastic, wood, alloyed steel, non-iron alloys

SCREWDRIVERS AND BITS

P O W E R I N Y O U R H A N D

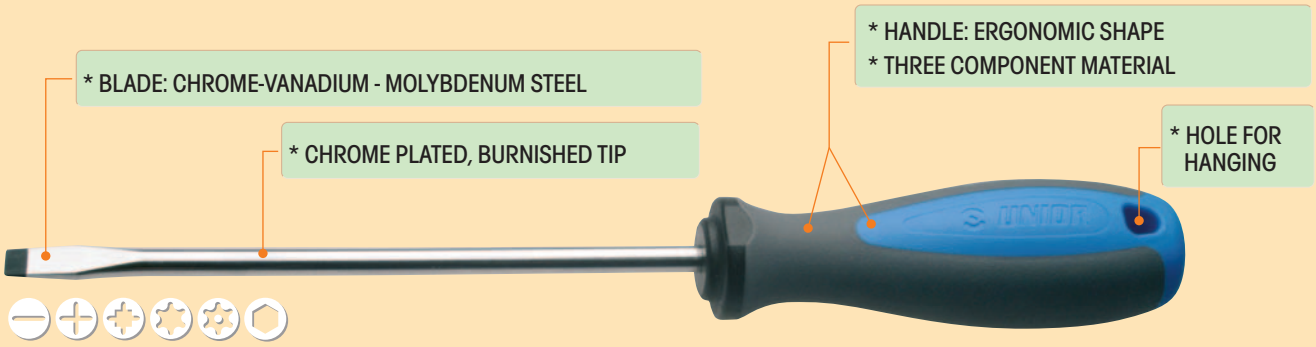
FEATURES OF UNIOR'S SCREWDRIVERS

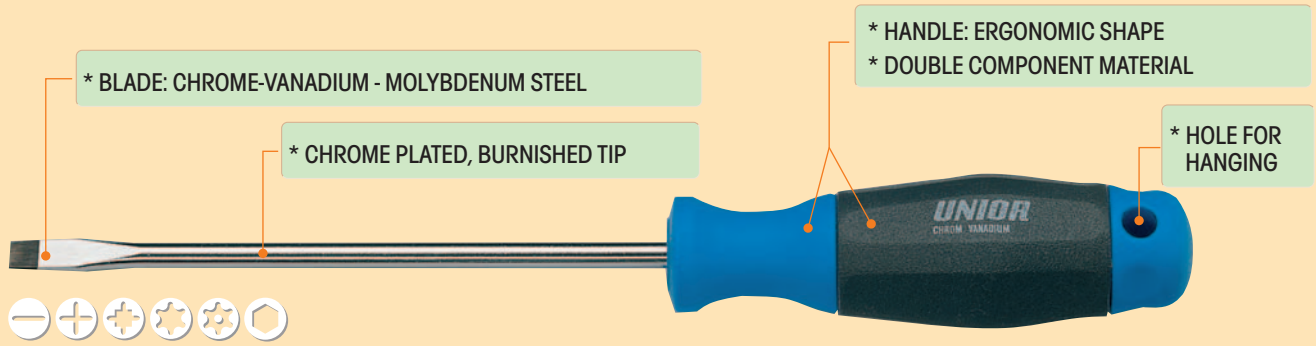
176	crosstip (PH) screwdriver TBI	615 TBI
176	flat electrician's screwdriver TBI	602 TBI
176	flat screwdriver TBI	605 TBI
176	flat screwdriver with hexagon bolster TBI	600 TBI
177	crosstip (PH) screwdriver TBI with hexagonal bolster	616 TBI
177	double - crosstip (PZ) screwdriver TBI	625 TBI
177	Set of screwdrivers TBI	607 CS7 TBI
177	Set of screwdrivers TBI	607 S50 TBI
177	Set of screwdrivers TBI	608 CS5 TBI
177	Set of screwdrivers TBI	609 CS5 TBI
177	with hexagon bolster	617 TBI
178	ball - end hexagon screwdriver TBI	620 TBI
178	screwdriver TBI tamper pro of TX	621/1 TBI
178	screwdriver TBI with TX profile	621 TBI
178	socket wrench with TBI handle	629 TBI
179	flat screwdriver BI	621/1 CS7 TBI
179	flat screwdriver BI	629 CS5 TBI
179	set of screwdriver TBI	621 CS5 TBI
179	set of screwdriver TBI	621 CS7 TBI
179	set of screwdriver TBI on carton display	610 TBI
179	TBI screwdriver set	620 CS5 TBI
179	TBI screwdriver set	620 CS7 TBI
180	Flat electitian's screwdriver BI	602 BI
180	flat screwdriver BI	605 BI
180	flat screwdriver with hexagon bolster BI	600 BI
180	stubby flat screwdriver BI	627 BI
181	crosstip (PH) screwdriver BI	615 BI
181	crosstip (PH) screwdriver BI with hexagonal bolster	616 BI
181	stubby crosstip (PH) screwdriver BI	626 BI
182	double - crosstip (PZ) screwdriver BI	625 BI
182	stubby double - crosstip (PZ) screwdriver BI	628 BI
182	with hexagon bolster	617 BI
183	ball - end hexagon screwdriver BI	620 BI
183	screwdriver BI tamper pro of TX	621/1 BI
183	screwdriver BI with TX profile	621 BI
183	socket wrench with BI handle	629 BI
184	set of screwdriver BI	607 CS5 BI
184	set of screwdriver BI	629 CS5 BI
184	Set of screwdrivers BI on carton stand	610 BI
185	Set of ball-end hexagon screwdrivers BI	620 CS5 BI
185	Set of ball-end hexagon screwdrivers BI	621 CS7 BI
185	Set of screwdrivers BI with TX profile	621 CS5 BI
185	Set of screwdrivers BI with TX profile and hole	621/1 CS7 BI
186	Set of screwdrivers BI	609 CS5 BI
186	Set of screwdrivers BI	609 CS7 BI
186	Set of screwdrivers BI on carton stand	607 S50 BI
186	Set of screwdrivers BI on display stand	608 CS5 BI
187	electrician's flat screwdriver LSI	602 CR
187	flat screwdriver LSI	605 CR
187	flat screwdriver LSI with hexagon bolster	600 CR
187	stubby flat screwdriver LSI	627 CR
188	crosstip (PH) screwdriver LSI	615 CR
188	crosstip (PH) screwdriver LSI with hexagon bolster	616 CR
188	electrician's crosstip (PH) screwdriver LSI	612 CR
188	stubby crosstip (PH) screwdriver LSII	626 CR
189	ball - end hexagon screwdriver LSI	620 CR
189	double- crosstip (PZ) screwdriver LSI	625 CR
189	square screwdriver LSI	622 CR
189	stubby double - crosstip (PZ) screwdriver LSI	628 CR
190	screwdriver LSI with TX profile	621 CR
190	set of screwdriver LSI	621 CS7 CR
190	set of wrenches with LSI handle	629 CS7 CR
190	socket wrench with LSI handle	629 CR
191	set of screwdrivers LSI	608 CS5 CR
191	set of screwdrivers LSI	609 CS5 CR
191	set of screwdrivers LSI	609 CS7 CR
191	Set of screwdrivers LSI on carton stand	610 CR
192	set of screwdrivers LSI	606 CS5 CR
192	set of screwdrivers LSI	606 CS7 CR
192	set of screwdrivers LSI	607 CS5 CR
192	set of screwdrivers LSI	607 CS7 CR
193	set of screwdrivers LSI	606 B5 CR
193	set of screwdrivers LSI	606 B7 CR
193	set of screwdrivers LSI	607 B5 CR
193	set of screwdrivers LSI	607 B5A CR
193	set of screwdrivers LSI	607 B7 CR
193	set of screwdrivers LSI	607 B7A CR
194	crosstip (PH) screwdriver	615 NI
194	double- crosstip (PZ) screwdriver	625 NI
194	flat screwdriver	605 NI
195	stubby crosstip (PH) screwdriver	626 NI
195	stubby double - crosstip (PZ) screwdriver	628 NI
195	stubby flat screwdriver	627 NI
196	set of screwdrivers NI	606 B5 NI
196	set of screwdrivers NI	606 B7 NI
196	set of screwdrivers NI	607 B5 NI
196	set of screwdrivers NI	607 B7 NI
196	set of screwdrivers NI on carton stand	610 NI
197	set of screwdrivers NI	606 CS5 NI
197	set of screwdrivers NI	606 CS7 NI
197	set of screwdrivers NI	607 CS5 NI
197	set of screwdrivers NI	607 CS7 NI
197	set of screwdrivers NI	608 CS5 NI
198	and wooden handle	600 W
198	with hexagon bolster and wooden handle	617 W
198	wooden handle	616 W
199	car light tester 6 - 12/24 V	631
199	reversible screwdriver	636
199	voltage tester 220 - 250 V	630 VDE
200	crosstip (PH) bits	6463 TIN
200	crosstip (PH) bits	6463
200	crosstip (PH) bits	6464
200	crosstip (PH) bits	6465
200	crosstip (PH) bits	6483
200	crosstip (PH) bits	6484
200	Slotted bits	6460
200	Slotted bits	6480
200	Slotted bits	6500
201	crosstip (PH) bits	6503
201	double - crosstip (PZ) bits	6466 TIN
201	double - crosstip (PZ) bits	6466
201	double - crosstip (PZ) bits	6486
201	double - crosstip (PZ) bits	6506
201	hex socket bits	6469
201	hex socket bits	6489
201	hex socket bits	6509
201	TX profile bits	6472
202	bits box	6777
202	bits box	6778
202	square (SQ) bits	6515
202	TX profile bits	6472 TIN
202	TX profile bits	6492
202	universal holder with magnet	6715
203	bits box	6778/21C
203	bits box	6778/2A
203	bits box	6778/32F
203	bits box	6778/34F
203	bits box	6778/39B
203	bits box	6778/5A
203	bits box	6778/8A
203	bits box	6778/9C
204	adaptor 1/2" - 5/16"	6762.2
204	impact screwdriver	6762.1
204	impact screwdriver - set	6762

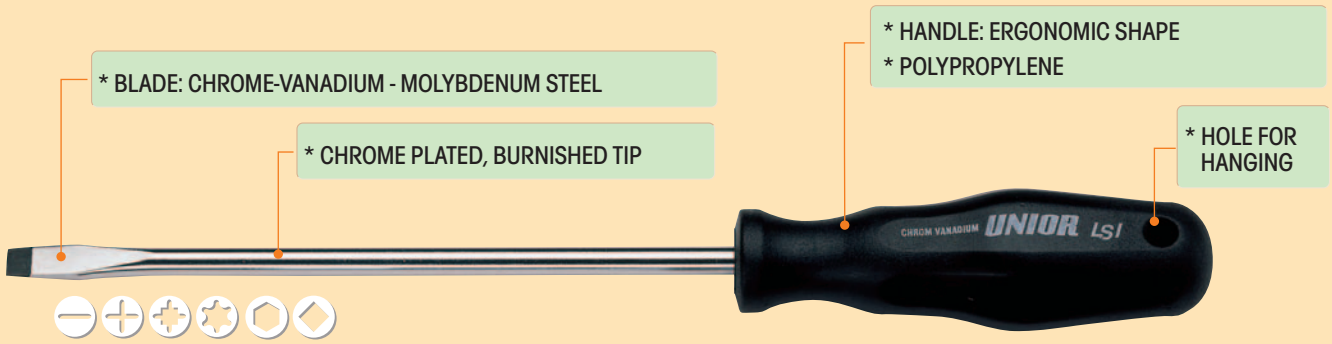
SCREWDRIVERS AND BITS

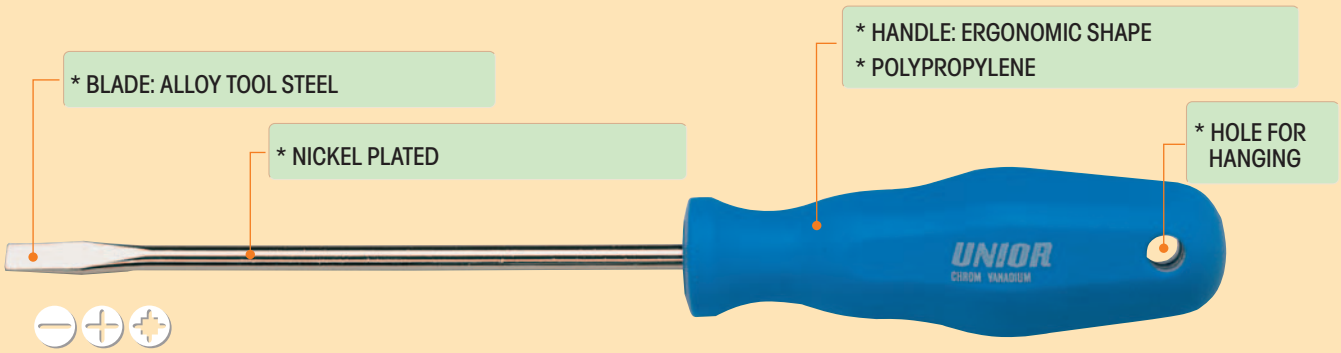
POWER IN YOUR HAND

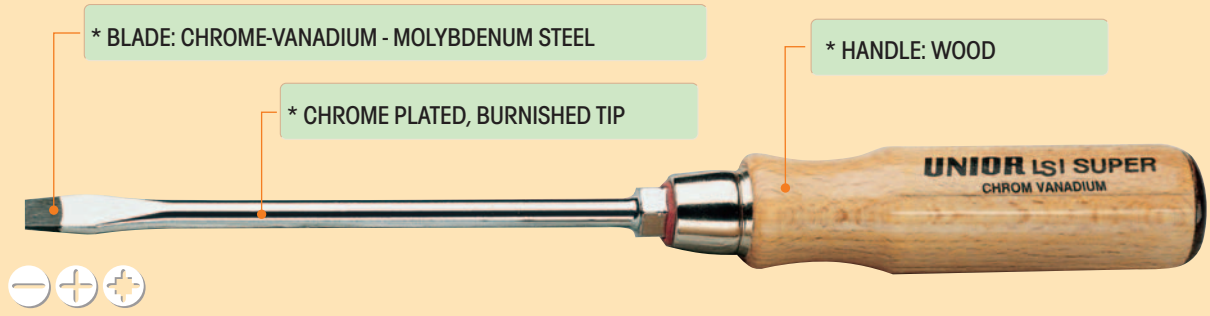
FEATURES OF UNIOR'S SCREWDRIVERS


* BLADE: CHROME-VANADIUM - MOLYBDENUM STEEL
* CHROME PLATED, BURNISHED TIP
* HANDLE: ERGONOMIC SHAPE
* THREE COMPONENT MATERIAL
* HOLE FOR HANGING
UNIOR




* BLADE: CHROME-VANADIUM - MOLYBDENUM STEEL
* CHROME PLATED, BURNISHED TIP
* HANDLE: ERGONOMIC SHAPE
* POLYPROPYLENE
* HOLE FOR HANGING
CHROM VANADIUM UNIOR LSI



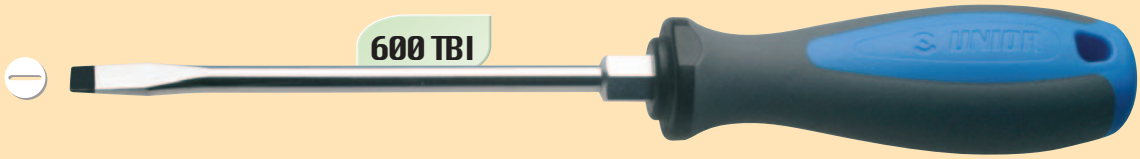


ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

SCREWDRIVERS TBI

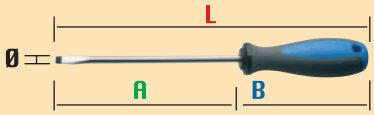
THREE COMPONENT SCREWDRIVER FOR ALL PROFESSIONAL USERS OF HAND TOOLS.

•BURNISHED TIP
• BLADE MATERIAL : CHROME-VANADIUM - MOLYBDENUM STEEL
•CHROME PLATED
• SAFETY
The combination of the soft and hard surfaces improves the load factor and assures comfortable working without damage. Screwdriver can not roll from the work surface
• SPEED OF OPERATION
Jobs will be performed quickly as the screwdriver always sits perfectly in the hand
• ERGONOMIC SHAPE
The handle has been developed to reduce strain and fatigue, as less physical effort is required.
• HIGHER POWER TRANSMISSION
The shape of the handle assures maximum torque
• THE HAND CAN NOT SLIP
The soft material ensures maximum grip even when oily
• HANGING HOLE



605 TBI FLAT SCREWDRIVER TBI

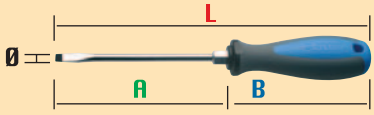
DIN 5265 ISO 2380



Code			A	B	L	Ø		
611687	0.4	2.5	75	85	160	2.5	22	10
611688	0.5	3.0	80	85	165	3.0	25	10
611689	0.5	3.0	125	85	210	3.0	28	10
611690	0.6	3.5	100	85	185	3.5	32	10
611691	0.6	3.5	125	85	210	3.5	38	10
611692	0.8	4.0	100	85	185	4.0	44	10
611693	0.8	4.0	150	85	235	4.0	48	10
611694	1.0	5.5	125	100	225	5.0	73	10
611695	1.0	5.5	150	100	250	5.0	80	10
611696	1.2	6.5	150	110	260	6.0	104	10
611697	1.2	6.5	200	110	310	6.0	120	10
611698	1.2	8.0	175	120	295	7.0	142	5
611699	1.6	10.0	200	120	320	8.0	173	5
611700	2.0	12.0	250	120	370	9.0	195	5

600 TBI FLAT SCREWDRIVER TBI WITH HEXAGON BOLSTER

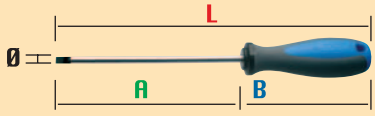
DIN 5265 ISO 2380



Code			A	B	L	Ø			
611680	1.0	5.5	100	100	200	5.0	8	70	10
611681	1.2	6.5	125	110	235	6.0	10	103	10
611682	1.2	8.0	150	120	270	7.0	13	140	5
611683	1.6	10.0	175	120	295	8.0	13	175	5

602 TBI FLAT ELECTRICIAN`S SCREWDRIVER TBI

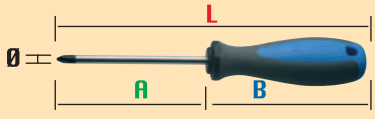
DIN 5265 ISO 2380



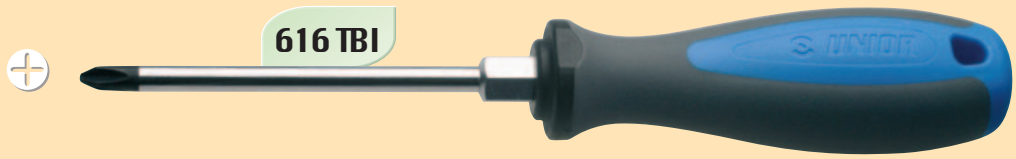
Code			A	B	L	Ø		
611684	0.5	3.0	100	85	185	3.0	26	10
611685	0.8	4.0	125	85	210	4.0	40	10
611686	1.0	5.5	150	100	250	5.5	74	10

615 TBI CROSSTIP (PH) SCREWDRIVER TBI

DIN 5262 ISO 8764

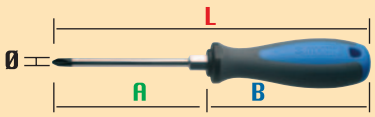


Code		A	B	L	Ø		
611701	0	60	85	145	3.0	22	10
611702	1	80	100	180	4.5	60	10
611703	1	200	100	300	4.5	80	10
611704	2	100	110	210	6.0	100	10
611705	2	150	110	260	6.0	110	10
611706	2	200	110	310	6.0	120	5
611707	3	150	120	270	8.0	150	5
611708	4	200	120	320	10.0	249	5



616 TBI — CROSSTIP (PH) SCREWDRIVER TBI WITH HEXAGON BOLSTER

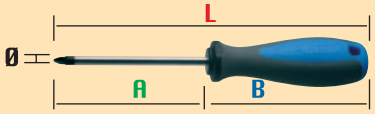
DIN 5262 ISO 8764



Code		A	B	L	Ø			
611709	1	80	100	180	4.5	8	60	10
611710	2	100	110	210	6.0	10	102	10
611711	3	150	120	270	8.0	13	150	5

625 TBI — DOUBLE CROSSTIP (PZ) SCREWDRIVER TBI

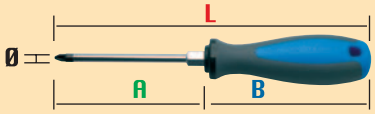
DIN 5262 ISO 8764



Code		A	B	L	Ø		
611741	0	60	85	145	3.0	22	10
611742	1	80	100	180	4.5	61	10
611743	2	100	110	210	6.0	101	10
611744	3	150	120	270	8.0	149	5

617 TBI — DOUBLE CROSSTIP (PZ) SCREWDRIVER TBI WITH HEXAGON BOLSTER

DIN 5262 ISO 8764

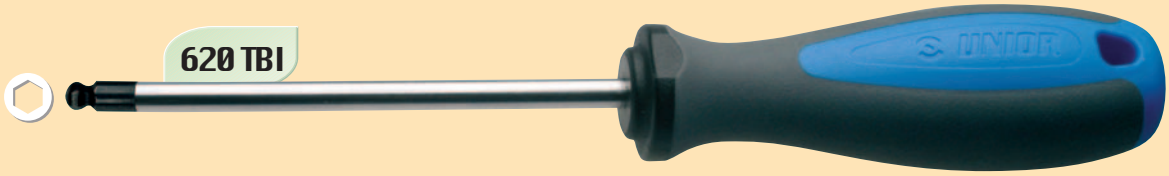


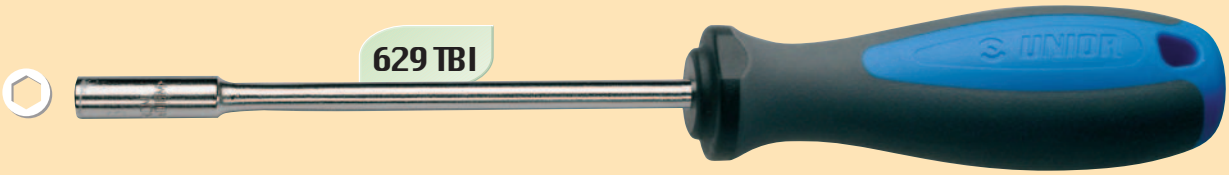
Code		A	B	L	Ø			
611712	1	80	100	180	4.5	8	61	10
611713	2	100	110	210	6.0	10	103	10
611714	3	150	120	270	8.0	13	152	5

616 CS5 TBI

SET OF SCREWDRIVERS TBI

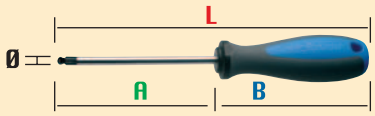
Code	Art.		dim.
art. 607 CS5 TBI 611985	605 TBI	⊖	4,0x100,5.5x125,6.5x150
	615 TBI	⊕	PH1x80,PH2x100
art. 607 CS7 TBI 611986	605 TBI	⊖	3.0x80,4.0x100,5.5x125,6.5x150,8.0x175
	615 TBI	⊕	PH1x80,PH2x100
art. 609 CS5 TBI 611987	605 TBI	⊖	4,0x100,5.5x125,6.5x150
	625 TBI	⊕	PZ1x80,PZ2x100
art. 609 CS7 TBI 611988	605 TBI	⊖	3.0x80,4.0x100,5.5x125,6.5x150,8.0x175
	625 TBI	⊕	PZ1x80,PZ2x100
art. 608 CS5 TBI 612326	615 TBI	⊕	PH (0x60, 1x80, 2x100, 3x150)
	625 TBI	⊕	PZ (2x100)
art. 607 S50 TBI 612000	605 TBI	⊖	0.5x3.0x80-5pcs, 0.8x4.0x100-5pcs, 1.0x5,5x125-5pcs, 1.2x6.5x150-5pcs 1.2x8.0x175-5pcs
	615 TBI	⊕	PH 0x60-5pcs,PH1x80-5pcs,PH2x100-5pcs
	625 TBI	⊕	PZ1x80-5pcs,PZ2x100-5pcs





620 TBI — BALL - END HEXAGON SCREWDRIVER TBI

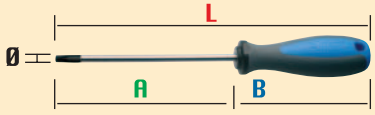
DIN 5262 ISO 8764



Code	⬢	A	B	L	Ø		
611715	2	65	85	150	3	23	10
611716	2,5	75	85	160	3	24	10
611717	3	75	85	160	3,5	39	10
611718	4	100	100	200	5	62	10
611719	5	100	110	210	6	101	10
611720	6	125	120	245	7	128	10
611721	8	150	120	270	10	140	5

621 TBI — SCREWDRIVER TBI WITH TX PROFILE

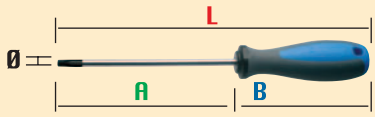
DIN 5262 ISO 8764



Code	⬢	A	B	L	Ø		
611722	TX 6	60	85	145	3	23	10
611723	TX 7	60	85	145	3	23	10
611724	TX 8	60	85	145	3	23	10
611725	TX 9	60	85	145	3	24	10
611726	TX 10	80	85	165	3	25	10
611727	TX 15	80	85	165	3	39	10
611728	TX 20	100	85	185	4	44	10
611729	TX 25	100	100	200	4,5	62	10
611730	TX 27	115	100	215	5,5	80	10
611731	TX 30	115	110	225	6	101	10
611732	TX 40	130	120	250	7	125	10
611733	TX 45	130	120	250	8	142	10

621/1 TBI — SCREWDRIVER TBI WITH TX PROFILE AND HOLE

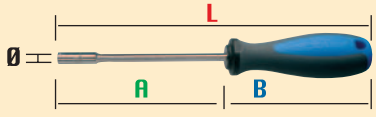
DIN 5262 ISO 8764



Code	⬢	A	B	L	Ø		
611734	TR 10	80	85	165	3	25	10
611735	TR 15	80	85	165	3,5	39	10
611736	TR 20	100	85	185	4	44	10
611737	TR 25	100	100	200	4,5	62	10
611738	TR 27	115	100	215	5,5	80	10
611739	TR 30	115	110	225	6	101	10
611740	TR 40	130	120	250	7	125	10

629 TBI — SOCKET WRENCH WITH TBI HANDLE

DIN 3125



Code	⬢	A	B	L	Ø		
611746	5	125	110	235	6	80	10
611747	6	125	110	235	6	87	10
611748	7	125	120	245	7	95	5
611749	8	125	120	245	7	106	5
611750	9	125	120	245	7	114	5
611751	10	125	120	245	7	154	5
611752	11	125	120	245	8	158	5
611753	12	125	120	245	8	161	5
611754	13	125	120	245	8	165	5

610 TBI
SCREWDRIVER SET TBI ON CARTON STAND

Art.	Code	ART./pcs		
610 TBI 1	612269	607 CS5 TBI /20	10050	1
610 TBI 2	612270	607 CS7 TBI / 20	13150	1
610 TBI 3	612271	609 CS5 TBI / 20	10050	1
610 TBI 4	612272	609 CS7 TBI / 20	13150	1
610 TBI 5	612273	620 CS5 TBI / 20	10050	1
610 TBI 6	612274	620 CS7 TBI / 20	13150	1
610 TBI 7	612275	621 CS5 TBI / 20	10050	1
610 TBI 8	612276	621 CS7 TBI / 20	13150	1
610 TBI 9	612277	621/1 CS7 TBI / 20	15150	1

620 CS5 TBI
TBI SCREWDRIVER SET

Code	Set/pcs		
612285	5	450	10

CONTENTS:

Art.	mm	pcs
620 TBI	2,5x75, 3,0x75, 4,0x100, 5,0x100, 6,0x125	1

620 CS7 TBI
TBI SCREWDRIVER SET

Code	Set/pcs		
612286	7	600	10

CONTENTS:

Art.	mm	pcs
620 TBI	2,0x65, 2,5x75, 3,0x75, 4,0x100, 5,0x100, 6,0x125, 8,0x150	1

621 CS5 TBI
TBI SCREWDRIVER SET

Code	Set/pcs		
612299	5	450	10

CONTENTS:

Art.		pcs
621 TBI	TX 10, TX 15, TX 20, TX 25, TX 30	1

621 CS7 TBI
TBI SCREWDRIVER SET

Code	Set/pcs		
612300	7	600	10

CONTENTS:

Art.		pcs
621 TBI	TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40	1

621/1 CS7 TBI
TBI SCREWDRIVER SET

Code	Set/pcs		
612308	7	600	10

CONTENTS:

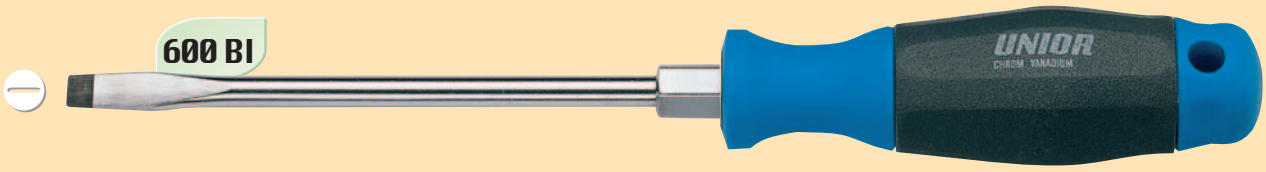
Art.		pcs
621/1 TBI	TR 10, TR 15, TR 20, TR 25, TR 27, TR 30, TR 40	1

629 CS5 TBI
TBI SCREWDRIVER SET

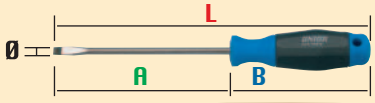
Code	Set/pcs		
612318	5	874	10

CONTENTS:

Art.		pcs
629 TBI	6,8,10,12,13	1



605 BI FLAT SCREWDRIVER BI



DIN 5265 ISO 2380

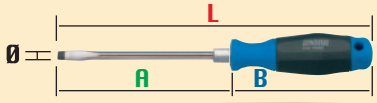
Code			A	B	L	Ø		
608571	0.4	2.5	75	80	155	2.5	22	10
608572	0.5	3.0	80	80	160	3.0	25	10
608573	0.5	3.0	125	80	205	3.0	28	10
608574	0.6	3.5	100	90	190	3.5	32	10
608575	0.6	3.5	125	90	215	3.5	38	10
608576	0.8	4.0	100	90	190	4.0	44	10
608577	0.8	4.0	150	90	240	4.0	48	10
608578	1.0	5.5	125	100	225	5.0	73	10
608579	1.0	5.5	150	100	250	5.0	80	10
608580	1.2	6.5	150	110	260	6.0	104	10
608581	1.2	6.5	200	110	310	6.0	120	10
608582	1.2	8.0	175	120	295	7.0	142	5
608583	1.6	10.0	200	120	320	8.0	173	5
608584	2.0	12.0	250	120	370	9.0	195	5

602 BI FLAT ELECTRICIAN`S SCREWDRIVER BI

DIN 5265 ISO 2380

Code			A	B	L	Ø		
608560	0.5	3.0	100	80	180	3.0	26	10
608561	0.8	4.0	125	90	215	4.0	40	10
608562	1.0	5.5	150	100	250	5.5	74	10

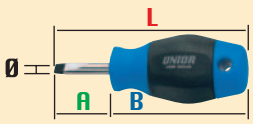
600 BI FLAT SCREWDRIVER BI WITH HEXAGON BOLSTER



DIN 5265 ISO 2380

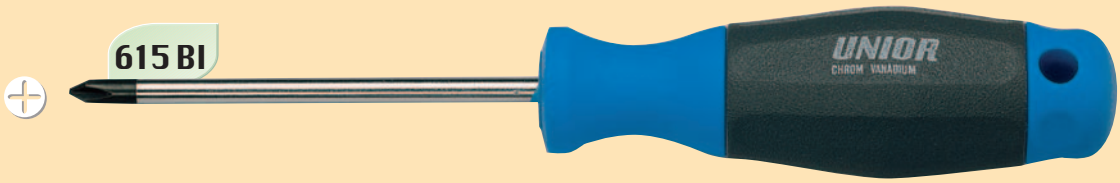
Code			A	B	L	Ø			
608556	1.0	5.5	100	100	200	5.0	8	70	10
608557	1.2	6.5	125	110	235	6.0	10	103	10
608558	1.2	8.0	150	120	270	7.0	13	140	5
608559	1.6	10.0	175	120	295	8.0	13	175	5

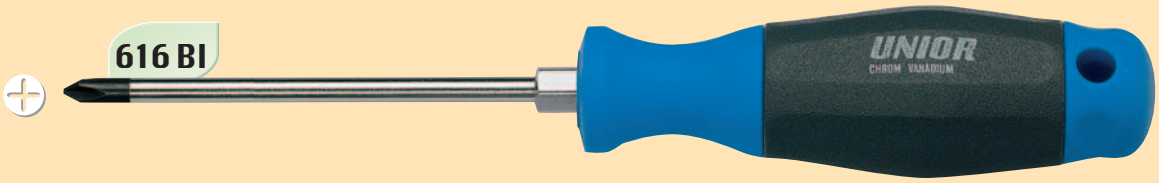
627 BI STUBBY FLAT SCREWDRIVER BI



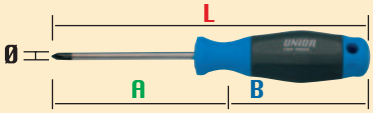
DIN 5265 ISO 2380

Code			A	B	L	Ø		
608621	0.6	3.5	25	60	85	3.5	28	10
608622	0.8	4.0	25	60	85	4.0	33	10
608623	1.0	5.5	25	60	85	5.5	38	10
608624	1.2	6.5	25	60	85	6.5	43	10





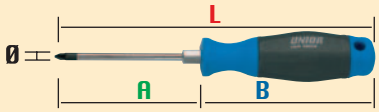
615 BI — CROSSTIP (PH) SCREWDRIVER BI



DIN 5262 ISO 8764

Code		A	B	L	Ø		
608563	0	60	80	140	3.0	22	10
608564	1	80	100	180	4.5	60	10
608565	1	200	100	300	4.5	80	10
608566	2	100	110	210	6.0	100	10
608567	2	150	110	260	6.0	110	10
608568	2	200	110	310	6.0	120	5
608569	3	150	120	270	8.0	150	5
608570	4	200	120	320	10.0	249	5

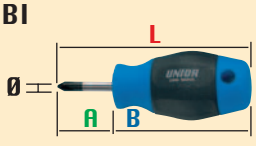
616 BI — CROSSTIP (PH) SCREWDRIVER BI WITH HEXAGON BOLSTER



DIN 5262 ISO 8764

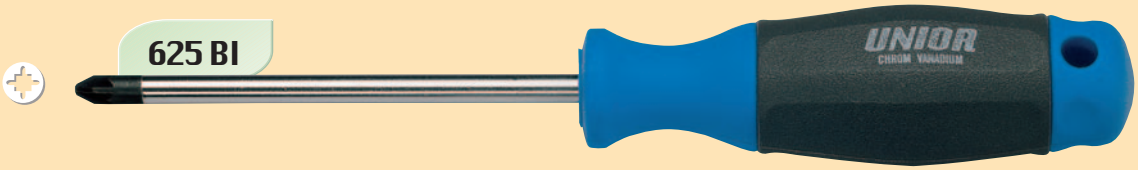
Code		A	B	L	Ø			
608655	1	80	100	180	4.5	8	60	10
608656	2	100	110	210	6.0	10	102	10
608657	3	150	120	270	8.0	13	150	5

626 BI — STUBBY CROSSTIP (PH) SCREWDRIVER BI

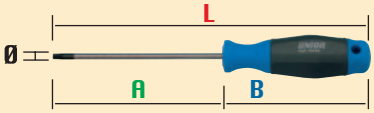


DIN 5262 ISO 8764

Code		A	B	L	Ø		
608618	0	25	60	85	3.5	28	10
608619	1	25	60	85	4.5	36	10
608620	2	25	60	85	6.0	42	10



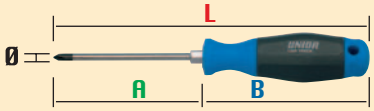
625 BI
DOUBLE-CROSSTIP (PZ) SCREWDRIVER BI



DIN 5262 ISO 8764

Code		A	B	L	Ø		
608613	0	60	80	140	3.0	22	10
608614	1	80	100	180	4.5	61	10
608615	2	100	110	210	6.0	101	10
608616	3	150	120	270	8.0	149	5
608617	4	200	120	320	10.0	249	5

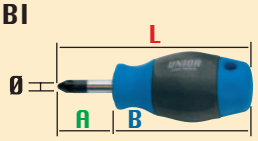
617 BI
DOUBLE-CROSSTIP (PZ) SCREWDRIVER BI WITH HEXAGON BOLSTER



DIN 5262 ISO 8764

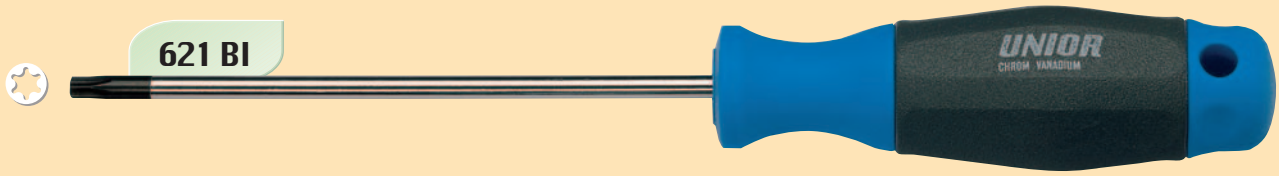
Code		A	B	L	Ø			
608585	1	80	100	180	4.5	8	61	10
608586	2	100	110	210	6.0	10	103	10
608587	3	150	120	270	8.0	13	152	5

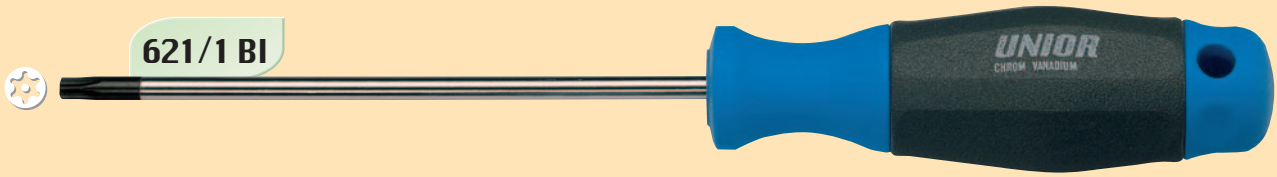
628 BI
STUBBY DOUBLE-CROSSTIP (PZ) SCREWDRIVER BI

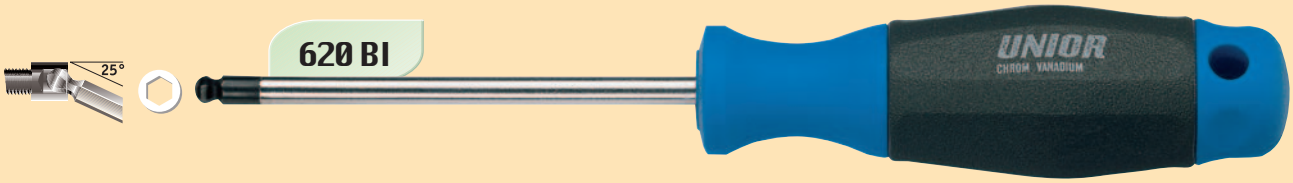


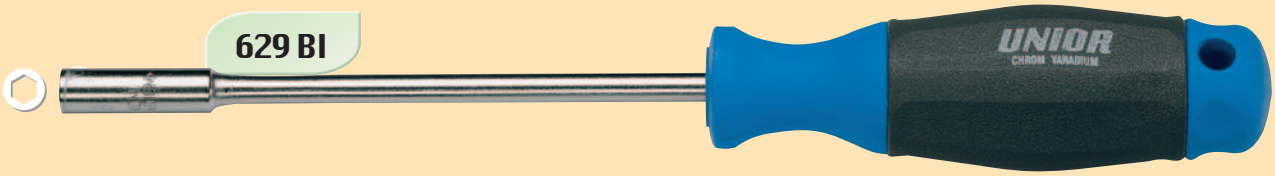
DIN 5262 ISO 8764

Code		A	B	L	Ø		
608625	0	25	60	85	3.0	28	10
608626	1	25	60	85	4.5	36	10
608627	2	25	60	85	6.0	42	10

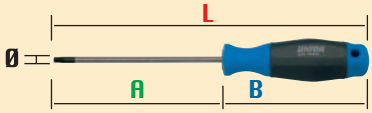








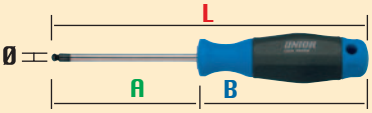
621 BI — SCREWDRIVER BI WITH TX PROFILE



DIN 5262 ISO 8764

Code		A	B	L	Ø		
608595	TX 6	60	80	140	3.0	23	10
608596	TX 7	60	80	140	3.0	23	10
608597	TX 8	60	80	140	3.0	23	10
608598	TX 9	60	80	140	3.0	24	10
608599	TX 10	80	80	160	3.0	25	10
608600	TX 15	80	90	170	3.5	39	10
608601	TX 20	100	90	190	4.0	44	10
608602	TX 25	100	100	200	4.5	62	10
608603	TX 27	115	100	215	5.5	80	10
608604	TX 30	115	110	225	6.0	101	10
608605	TX 40	130	120	250	7.0	125	10
608606	TX 45	130	120	250	8.0	142	10

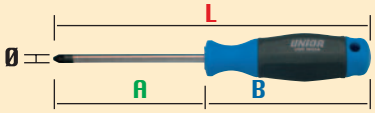
620 BI — BALL - END HEXAGON SCREWDRIVER BI



DIN 5262 ISO 8764

Code		A	B	L	Ø		
608588	2	65	80	145	3.0	23	10
608589	2.5	75	80	155	3.5	24	10
608590	3	75	90	165	5.0	39	10
608591	4	100	100	200	6.0	62	10
608592	5	100	110	210	7.0	101	10
608593	6	125	120	245	10.0	128	10
608594	8	150	120	270		140	5

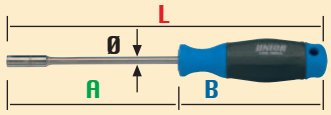
621/1 BI — SCREWDRIVER BI WITH TX PROFILE AND HOLE



DIN 5262 ISO 8764

Code		A	B	L	Ø		
608607	TR 10	80	80	160	3.0	25	10
608608	TR 15	80	90	170	3.5	39	10
608609	TR 20	100	90	190	4.0	44	10
608610	TR 25	100	100	200	4.5	62	10
609338	TR 27	115	100	215	5.5	97	10
608611	TR 30	115	110	225	6.0	101	10
608612	TR 40	130	120	250	7.0	125	10

629 BI — SOCKET WRENCH WITH BI HANDLE



DIN 3125

Code		A	B	L	Ø		
608628	5	125	110	235	6.0	80	10
608629	6	125	110	235	6.0	87	10
608630	7	125	120	245	7.0	95	5
608631	8	125	120	245	7.0	106	5
608632	9	125	120	245	7.0	114	5
608633	10	125	120	245	7.0	154	5
608634	11	125	120	245	8.0	158	5
608635	12	125	120	245	8.0	161	5
608636	13	125	120	245	8.0	165	5

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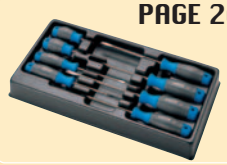


607 CS5 BI — SET OF SCREWDRIVERS BI

Code	Set/pcs		
605189	5	450	10

CONTENTS:

Art.	mm	pcs
605 BI	4.0x100	1
	5.5x125	1
	6.5x150	1
615 BI	PH 1x80	1
	PH 2x100	1

621 CS7 BI — SET OF SCREWDRIVERS BI

Code	Set/pcs		
609422	7	600	10

CONTENTS:

Art.	mm	pcs
621 BI	TX 10	1
	TX 15	1
	TX 20	1
	TX 25	1
	TX 27	1
	TX 30	1
	TX 40	1

629 CS5 BI — SET OF SCREWDRIVERS BI

Code	Set/pcs		
609293	5	874	10

CONTENTS:

Art.	mm	pcs
629 BI	6	1
	8	1
	10	1
	12	1
	13	1

610 BI — SET OF SCREWDRIVERS BI ON CARTON STAND

Art.	Code	ART./pcs		
610 BI 1	612247	607 CS5 BI /20	10050	1
610 BI 2	612248	607 CS7 BI / 20	13150	1
610 BI 3	612249	609 CS5 BI / 20	10050	1
610 BI 4	612250	609 CS7 BI / 20	13150	1
610 BI 5	612251	620 CS5 BI / 20	10050	1
610 BI 6	612252	620 CS7 BI / 20	13150	1
610 BI 7	612253	621 CS5 BI / 20	10050	1
610 BI 8	612254	621 CS7 BI / 20	13150	1
610 BI 9	612255	621/1 CS7 BI / 20	15150	1

620 CS5 BI — SET OF BALL-END HEXAGON SCREWDRIVERS BI

Code	Set/pcs		
609810	5	450	10

CONTENTS:

Art.	mm	pcs
620 BI	2,5	1
	3	1
	4	1
	5	1
	6	1

621 CS5 BI — SET OF SCREWDRIVERS BI WITH TX PROFILE

Code	Set/pcs		
609818	5	450	10

CONTENTS:

Art.	mm	pcs
621 BI	TX 10	1
	TX 15	1
	TX 20	1
	TX 25	1
	TX 30	1

620 CS7 BI — SET OF BALL-END HEXAGON SCREWDRIVERS BI

Code	Set/pcs		
609817	7	630	10

CONTENTS:

Art.	mm	pcs
620 BI	2	1
	2,5	1
	3	1
	4	1
	5	1
	6	1
	8	1

621/1 CS7 BI — SET OF SCREWDRIVERS BI WITH TX PROFILE AND HOLE

Code	Set/pcs		
610405	7	630	10

CONTENTS:

Art.	mm	pcs
621/1BI	TR 10	1
	15	1
	20	1
	25	1
	27	1
	30	1
	40	1

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

609 CS5 BI
608 CS5 BI

609 CS5 BI SET OF SCREWDRIVERS BI

Code	Set/pcs		
610399	5	450	10

CONTENTS:

Art.	mm	pcs
605 BI	4,0x100	1
	5,5x125	1
	6,5x150	1
625 BI	PZ 1x80	1
	PZ 2x100	1

609 CS7 BI SET OF SCREWDRIVERS BI

Code	Set/pcs		
610400	7	600	10

CONTENTS:

Art.	mm	pcs
605 BI	3,0x80	1
	4,0x100	1
	5,5x125	1
	6,5x150	1
	1,2x8,0x175	1
625 BI	PZ 1x80	1
	PZ 2x100	1

608 CS5 BI SET OF SCREWDRIVERS BI

Code	Set/pcs		
612325	5	450	10

CONTENTS:

Art.		pcs
615 BI	PH 0x60, PH 1x80, PH 2x100, PH 3x150	1
625 BI	PZ 2x100	1

607 S50 BI

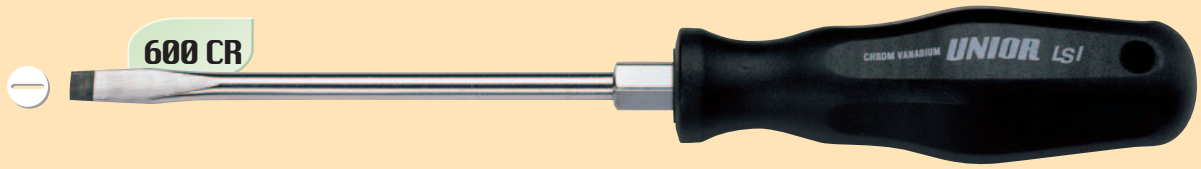
607 S50 BI SET OF SCREWDRIVERS BI ON DISPLAY STAND

Code	Set/pcs
609954	50

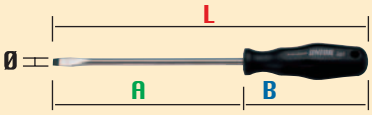
CONTENTS:

Art.	mm	pcs
605 BI	3,0x80	5
	4,0x100	5
	5,5x125	5
	6,5x150	5
	1,2x8,0x175	5
615 BI	PH 0x60	5
	PH 1x80	5
	PH 2x100	5
625 BI	PZ 1x80	5
	PZ 2x100	5

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.



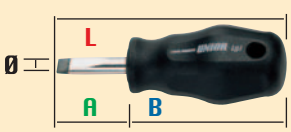
605 CR FLAT SCREWDRIVER LSI



DIN 5265 ISO 2380

Code			A	B	L	Ø		
604295	0.4	2.5	60	80	140	2.5	22	10
604296	0.4	2.5	75	80	145	2.5	24	10
604297	0.5	3.0	80	80	160	3.0	26	10
604298	0.5	3.0	100	80	180	3.0	27	10
604299	0.5	3.0	150	80	230	3.0	28	10
609240	0.6	3.5	75	80	155	3.5	30	10
604300	0.6	3.5	100	80	180	3.5	31	10
609241	0.6	3.5	125	80	205	3.5	32	10
604301	0.8	4.0	100	90	190	4.0	41	10
604302	0.8	4.0	125	90	215	4.0	43	10
604303	0.8	4.0	150	90	240	4.0	45	10
609242	0.8	4.0	200	90	290	4.0	48	10
609243	1.0	5.5	100	100	200	5.0	62	10
604304	1.0	5.5	125	100	225	5.0	65	10
604305	1.0	5.5	150	100	250	5.0	70	10
609244	1.2	6.5	100	100	200	6.0	62	10
604307	1.2	6.5	125	100	225	6.0	71	10
604308	1.2	6.5	150	100	250	6.0	75	10
604310	1.2	8.0	175	110	285	7.0	106	5
609245	1.6	8.0	175	110	285	7.0	110	5
604311	1.6	10.0	200	120	320	8.0	160	5
604312	2.0	12.0	250	120	370	9.0	170	5

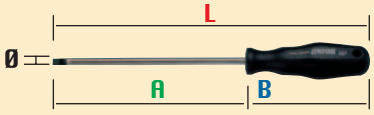
627 CR STUBBY FLAT SCREWDRIVER LSI



DIN 5265 ISO 2380

Code			A	B	L	Ø		
604347	0.8	4.0	25	60	85	4.0	34	10
604348	1.0	5.5	25	60	85	5.5	36	10
604349	1.2	6.5	25	60	85	6.5	39	10

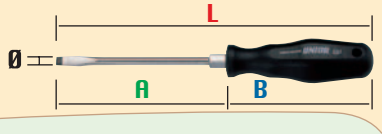
602 CR ELECTRICIAN`S FLAT SCREWDRIVER LSI



DIN 5265 ISO 2380

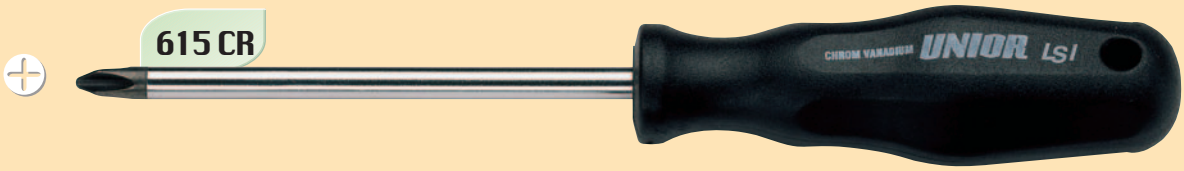
Code			A	B	L	Ø		
609246	0.4	2.5	60	80	140	2.5	23	10
609247	0.4	2.5	75	80	155	2.5	25	10
609248	0.5	3.0	100	80	180	3.0	27	10
609249	0.5	3.0	150	80	230	3.0	28	10
609250	0.6	3.5	100	80	180	3.5	29	10
609251	0.8	4.0	100	90	190	4.0	41	10
609252	0.8	4.0	150	90	240	4.0	43	10
609253	0.8	4.0	250	90	340	4.0	55	5
609254	1.0	5.5	125	100	225	5.5	65	10
609255	1.0	5.5	150	100	250	5.5	70	10
609256	1.2	6.5	150	100	250	6.5	75	10
609257	1.2	8.0	175	110	285	8.0	106	5

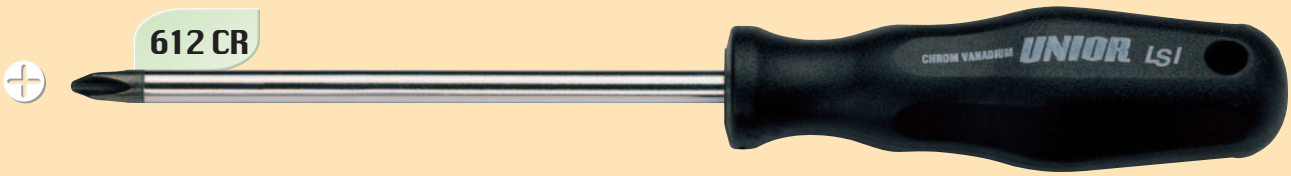
600 CR FLAT SCREWDRIVER LSI WITH HEXAGON BOLSTER

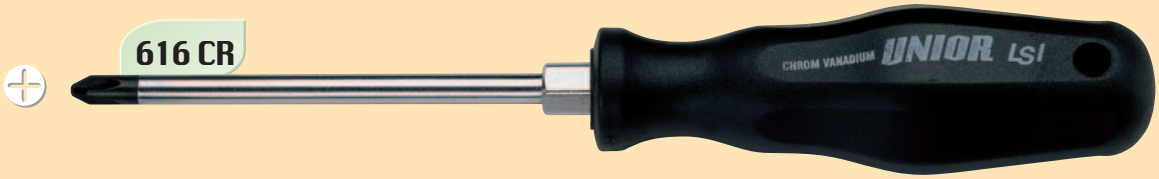


DIN 5265 ISO 2380

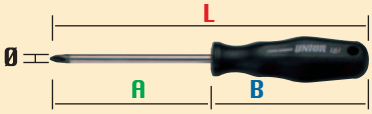
Code			A	B	L	Ø			
604284	1.0	5.5	100	100	200	5.0	8	70	10
604285	1.2	6.5	125	110	235	6.0	10	102	10
604286	1.2	8.0	150	120	270	7.0	13	140	5
604287	1.6	10.0	175	120	295	8.0	13	180	5







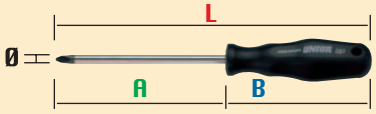
615 CR CROSSTIP (PH) SCREWDRIVER LSI



DIN 5262 ISO 8764

Code		A	B	L	Ø		
604317	0	60	80	140	3.0	22	10
604318	1	80	90	170	4.5	60	10
604319	1	200	90	290	4.5	80	10
604320	2	100	100	200	6.0	100	10
609258	2	150	100	250	6.0	110	10
604322	3	150	110	260	8.0	150	5
604323	4	200	120	320	10.0	249	5

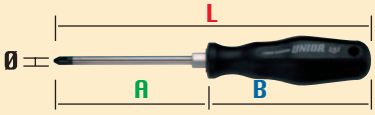
612 CR ELECTRICAN`S CROSSTIP (PH) SCREWDRIVER LSI



DIN 5262 ISO 8764

Code		A	B	L	Ø		
609259	1	280	90	370	4.5	60	5
609260	2	200	100	300	6.0	75	10
609261	2	280	100	380	6.0	85	5

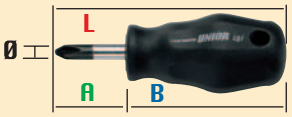
616 CR CROSSTIP (PH) SCREWDRIVER LSI WITH HEXAGON BOLSTER



DIN 5262 ISO 8764

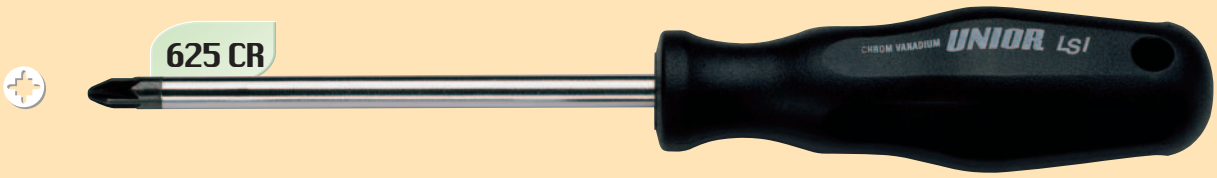
Code		A	B	L	Ø			
604291	1	80	100	180	4.5	8	42	10
604292	2	100	110	210	6.0	10	70	10
604293	3	150	120	270	8.0	13	110	10

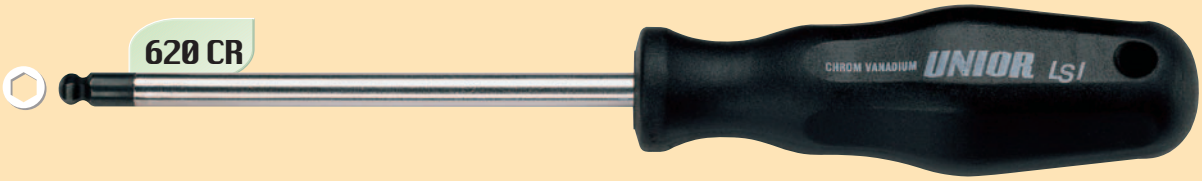
626 CR STUBBY CROSSTIP (PH) SCREWDRIVER LSI

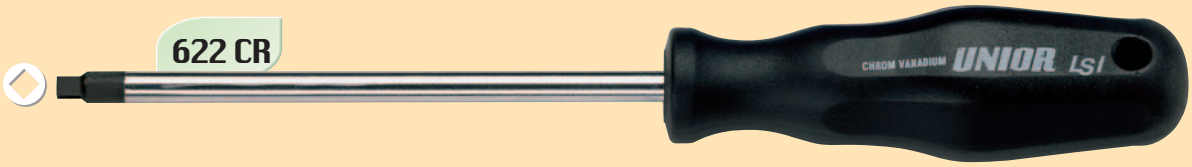


DIN 5262 ISO 8764

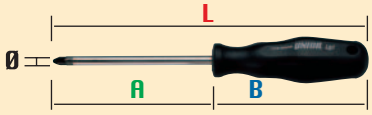
Code		A	B	L	Ø		
604352	1	25	60	85	4.5	33	10
604353	2	25	60	85	6.0	38	10







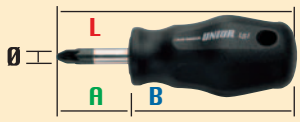
625 CR DOUBLE-CROSSTIP (PZ) SCREWDRIVER LSI



DIN 5262 ISO 8764

Code		A	B	L	Ø		
604324	0	60	80	140	3.0	23	10
604325	1	80	90	170	4.5	43	10
604326	2	100	100	200	6.0	70	10
604327	3	150	110	260	8.0	140	5

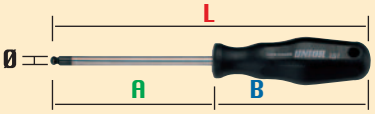
628 CR STUBBY DOUBLE-CROSSTIP (PZ) SCREWDRIVER LSI



DIN 5262 ISO 8764

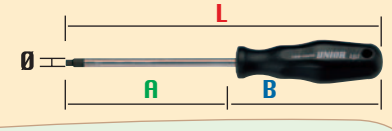
Code		A	B	L	Ø		
604354	1	25	60	85	4.5	33	10
604355	2	25	60	85	6.0	38	10

620 CR BALL - END HEXAGON SCREWDRIVER LSI

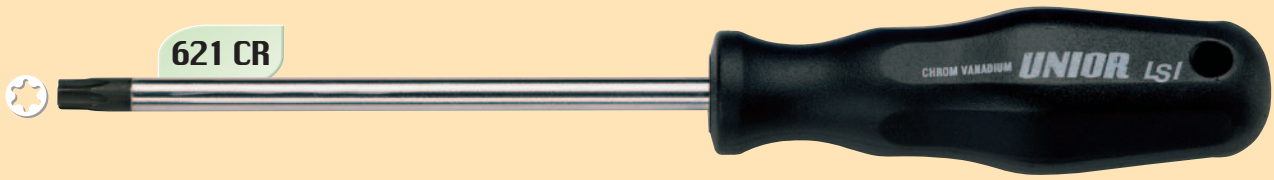


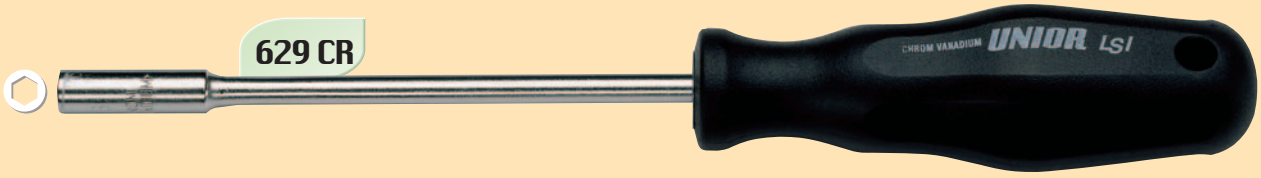
Code		A	B	L	Ø		
604328	2	60	80	140	3.0	23	10
604329	2.5	60	80	140	3.0	25	10
604330	3	70	80	150	3.5	30	10
604331	4	100	90	190	5.0	60	10
604332	5	100	100	200	6.0	62	10
604333	6	100	110	210	7.0	107	10

622 CR SQUARE SCREWDRIVER LSI

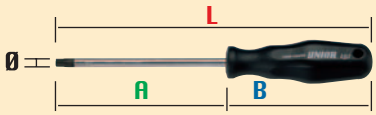


Code		A	B	L	Ø		
609262	1	90	90	180	4.0	42	10
609263	2	100	100	200	5.5	62	10
609264	3	100	100	200	5.5	62	10





621 CR SCREWDRIVER LSI WITH TX PROFILE



DIN 5262

Code		A	B	L	Ø		
604985	TX 6	60	80	140	3.0	24	10
604993	TX 7	80	80	160	3.0	25	10
604336	TX 8	80	80	160	3.0	25	10
604337	TX 9	80	80	160	3.0	24	10
604338	TX 10	80	80	160	3.0	26	10
604339	TX 15	80	90	170	3.5	28	10
604340	TX 20	100	90	190	4.0	43	10
604341	TX 25	100	90	190	4.5	47	10
604342	TX 27	115	100	215	5.5	62	10
604343	TX 30	115	100	215	6.0	71	10
604344	TX 40	130	110	240	7.0	106	10

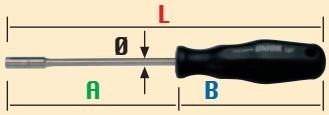
621 CS7 CR SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609459	7	550	10

CONTENTS:

Art.	mm	pcs
621 CR	TX 10	1
	TX 15	1
	TX 20	1
	TX 25	1
	TX 27	1
	TX 30	1
	TX 40	1

629 CR SOCKET WRENCH WITH HANDLE



DIN 3125

Code		A	B	L	Ø		
604356	4	125	100	225	6.0	76	10
609287	4.5	125	100	225	6.0	77	10
604357	5	125	100	225	6.0	77	10
604358	5.5	125	100	225	6.0	80	10
604359	6	125	100	225	6.0	87	10
604360	7	125	110	235	7.0	95	10
604361	8	125	110	235	7.0	106	10
604363	10	125	110	235	7.0	145	10
604364	11	125	110	235	8.0	150	10
604365	12	125	120	245	8.0	160	10
604366	13	125	120	245	8.0	165	10
609288	14	125	120	245	8.0	180	10
609289	15	125	120	245	8.0	191	10
609290	16	125	120	245	8.0	201	10
609291	17	125	120	245	8.0	220	10

629 CS7 CR SET OFSOCKET WRENCHES WITH LSI HANDLE

Code	Set/pcs		
609292	7	1100	1

CONTENTS:

Art.	mm	pcs
629 CR	6	1
	8	1
	10	1
	12	1
	13	1
	14	1
	17	1

610 CR

608 CS5 CR — SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609271	5	450	10

CONTENTS:

Art.	mm	pcs
615 CR	PH 0x60	1
	PH 1x80	1
	PH 2x100	1
	PH 3x150	1
	PH 4x200	1

609 CS7 CR — SET OF SCREWDRIVERS LSI

Code	Set/pcs		
610402	7	600	10

CONTENTS:

Art.	mm	pcs
605 CR	4,0x100,	1
	5,5x125,	1
	6,5x150,	1
	1,2x8,0x175	1
625 CR	PZ 1x80,	1
	PZ 2x100,	1
	PZ 3x150	1

609 CS5 CR — SET OF SCREWDRIVERS LSI

Code	Set/pcs		
610401	5	450	10

CONTENTS:

Art.	mm	pcs
605 CR	6,5x150,	1
	1,2x8,0x175,	1
	10,0x200	1
625 CR	PZ 2x100,	1
	PZ 3x150	1

610 CR — SET OF SCREWDRIVERS LSI ON CARTON STAND

Art.	Code	Art./pcs		
610 CR 1	612256	606 CS5 CR /20	10050	1
610 CR 2	612257	606 CS7 CR /20	13150	1
610 CR 3	612258	607 CS5 CR /20	10050	1
610 CR 4	612259	607 CS7 CR / 20	13150	1
610 CR 5	612260	608 CS5 CR / 20	10050	1
610 CR 6	612261	609 CS5 CR / 20	13150	1
610 CR 7	612262	609 CS7 CR / 20	10050	1
610 CR 8	612263	621 CS7 CR / 20	12150	1

607 S50 CR

607 S50 CR SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609954	5	550	10

CONTENTS:

Art.	mm	pcs
605 CR	3.0x80	5
	4.0x100	5
	5.5x125	5
	6.5x150	5
	1.2x8.0x175	5
615 CR	PH 0x60	5
	PH 1x80	5
	PH 2x100	5
625 CR	PZ 1x80	5
	PZ 2x 100	5

607 CS7 CR SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609273	7	450	10

CONTENTS:

Art.	mm	pcs
605 CR	4.0x100	1
	5.5x125	1
	6.5x150	1
	1.2x8.0x175	1
615 CR	PH 1x80	1
	PH 2x100	1
	PH 3x150	1

607 CS5 CR SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609272	5	550	10

CONTENTS:

Art.	mm	pcs
605 CR	6.5x150	1
	1.2x8.0x175	1
615 CR	10.0x200	1
	PH 2x100	1
	PH 3x150	1

606 CS5 CR SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609274	5	350	10

CONTENTS:

Art.	mm	pcs
605 CR	3.0x80	1
	4.0x100	1
	5.5x125	1
	6.5x150	1
	1.2x8.0x175	1

606 CS7 CR SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609275	7	540	10

CONTENTS:

Art.	mm	pcs
605 CR	3.0x80	1
	3.5x100	1
	4.0x100	1
	5.5x125	1
	6.5x150	1
	1.2x8.0x175	1
	10.0x200	1

607 B5 CR — SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609265	5	300	10

CONTENTS:

Art.	mm	pcs
605 CR	2.5x75	1
	4.0x100	1
	6.5x150	1
615 CR	PH 1x80	1
	PH 2x100	1

606 B5 CR — SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609267	5	290	10

CONTENTS:

Art.	mm	pcs
605 CR	2.5x75	1
	3.5x125	1
	4.0x100	1
	5.5x125	1
	6.5x150	1

607 B5A CR — SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609269	5	330	10

CONTENTS:

Art.	mm	pcs
605 CR	3.0x80	1
	5.5x100	1
	6.5x150	1
615 CR	PH 1x80	1
	PH 2x100	1

607 B7 CR — SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609266	7	360	10

CONTENTS:

Art.	mm	pcs
605 CR	2.0x60	1
	3.0x80	1
	4.0x100	1
	6.5x150	1
615 CR	PH 0x60	1
	PH 1x80	1
	PH 2x100	1

606 B7 CR — SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609268	7	385	10

CONTENTS:

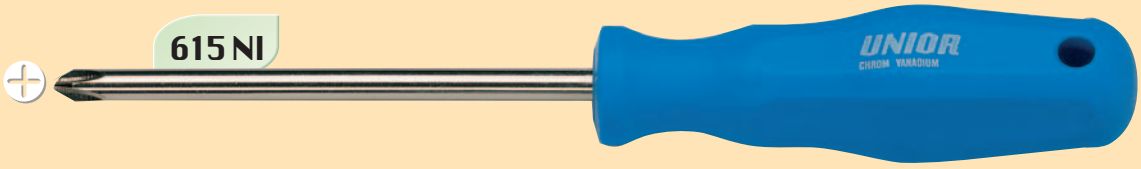
Art.	mm	pcs
605 CR	2.0x60	1
	2.5x75	1
	3.0x80	1
	4.0x100	1
	5.5x100	1
	5.5x125	1
	6.5x150	1

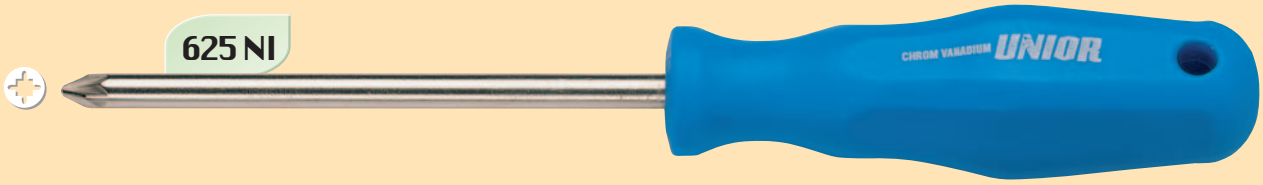
607 B7A CR — SET OF SCREWDRIVERS LSI

Code	Set/pcs		
609270	7	370	10

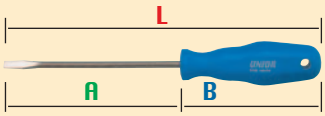
CONTENTS:

Art.	mm	pcs
605 CR	2.5x75	1
	3.0x80	1
	3.0x100	1
	4.0x100	1
	6.5x150	1
615 CR	PH 1x80	1
	PH 2x100	1





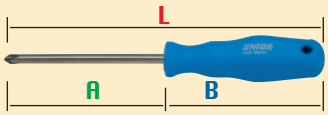
605 NI FLAT SCREWDRIVER



DIN 5265 ISO 2380

Code			A	B	L	Ø		
608777	0.4	2.0	65	80	145	2.0	22	10
608778	0.4	2.5	75	80	155	2.5	24	10
608780	0.5	3.0	80	80	160	3.0	26	10
608785	0.6	3.5	100	80	180	3.5	31	10
608788	0.8	4.0	100	90	190	4.0	41	10
608794	1.0	5.5	125	100	225	5.0	65	10
608799	1.2	6.5	150	100	250	6.0	75	10
608801	1.2	8.0	175	110	285	7.0	106	5
608804	1.6	10.0	200	110	310	8.0	160	5

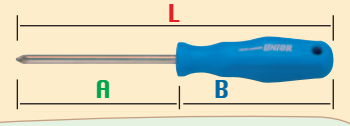
615 NI CROSSTIP (PH) SCREWDRIVER



DIN 5262 ISO 8764

Code		A	B	L	Ø		
608806	0	60	80	140	3.0	23	10
608807	1	80	90	170	4.5	43	10
608809	2	100	100	200	6.0	70	10
608811	3	150	110	260	8.0	110	5

625 NI DOUBLE-CROSSTIP (PZ) SCREWDRIVER



DIN 5262 ISO 8764

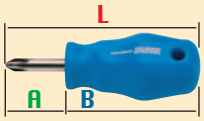
Code		A	B	L	Ø		
604390	0	60	80	140	3.0	24	10
604391	1	80	90	170	4.5	43	10
604392	2	100	100	200	6.0	70	10
604393	3	150	110	260	8.0	110	5

626 NI

627 NI

628 NI

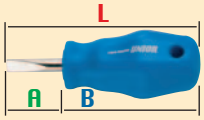
626 NI STUBBY CROSSTIP (PH) SCREWDRIVER



DIN 5262 ISO 8764

Code		A	B	L	Ø		
604400	1	25	60	85	4.5	33	10
604401	2	25	60	85	6.0	38	10

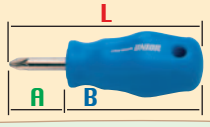
627 NI STUBBY FLAT SCREWDRIVER



DIN 5265 ISO 2380

Code			A	B	L	Ø		
604395	0.8	4.0	25	60	85	4.0	31	10
604396	1.0	5.5	25	60	85	5.5	36	10
604397	1.2	6.5	25	60	85	6.5	37	10

628 NI STUBBY DOUBLE-CROSSTIP (PZ) SCREWDRIVER



DIN 5262 ISO 8764

Code		A	B	L	Ø		
604402	1	25	60	85	4.5	33	10
604403	2	25	60	85	6.0	38	10

610 NI

606 B5 NI — SET OF SCREWDRIVERS

Code	Set/pcs		
609277	5	270	10

CONTENTS:

Art.	mm	pcs
605 NI	2.5x65	1
	3.0x80	1
	4.0x100	1
	5.5x125	1
	6.5x150	1

607 B5 NI — SET OF SCREWDRIVERS

Code	Set/pcs		
609279	5	300	10

CONTENTS:

Art.	mm	pcs
605 NI	3.0x80	1
	4.0x100	1
	6.5x150	1
615 NI	PH 1x80	1
	PH 2x100	1

610 NI — SET OF SCREWDRIVERS ON CARTON STAND

Art.	Code	ART./pcs		
610 NI 1	612264	606 CS5 NI /20	10050	1
610 NI 2	612265	606 CS7 NI /20	13150	1
610 NI 3	612266	607 CS5 NI /20	10050	1
610 NI 4	612267	607 CS7 NI / 20	13150	1
610 NI 5	612268	608 CS5 NI / 20	11050	1

606 B7 NI — SET OF SCREWDRIVERS

Code	Set/pcs		
609278	7	340	10

CONTENTS:

Art.	mm	pcs
605 NI	2.0x65	1
	2.5x75	1
	3.0x80	1
	3.5x100	1
	4.0x100	1
	5.5x125	1
	6.5x150	1

607 B7 NI — SET OF SCREWDRIVERS

Code	Set/pcs		
609280	7	310	10

CONTENTS:

Art.	mm	pcs
605 NI	2.5x65	1
	3.0x80	1
	4.0x100	1
	6.5x150	1
615 NI	PH 0x60	1
	PH 1x80	1
	PH 2x100	1

SET IN TRANSPARENT BLISTER PACK

606 CS 5 NI — SET OF SCREWDRIVERS

Code	Set/pcs		
609281	5	350	10

CONTENTS:

Art.	mm	pcs
605 NI	3.0x80	1
	4.0x100	1
	5.5x125	1
	6.5x150	1
	8.0x175	1

607 CS 5 NI — SET OF SCREWDRIVERS

Code	Set/pcs		
609283	5	550	10

CONTENTS:

Art.	mm	pcs
605 NI	6.5x150	1
	8.0x175	1
	10.0x200	1
615 NI	PH 2x100	1
	PH 3x150	1

608 CS 5 NI — SET OF SCREWDRIVERS

Code	Set/pcs		
609285	5	350	10

CONTENTS:

Art.	mm	pcs
615 NI	PH0x60	1
	PH 1x80	1
	PH 2x100	1
	PH 3x150	1
625 NI	PZ 2x100	1

606 CS 7 NI — SET OF SCREWDRIVERS

Code	Set/pcs		
609282	7	540	10

CONTENTS:

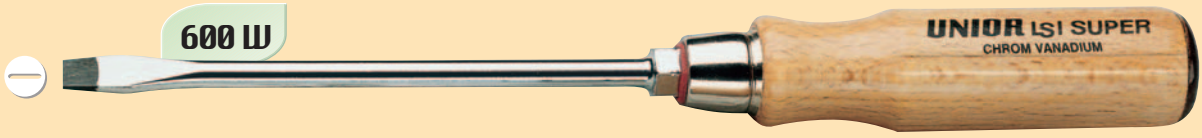
Art.	mm	pcs
605 NI	3.0x80	1
	3.5x100	1
	4.0x100	1
	5.5x125	1
	6.5x150	1
	8.0x175	1
	10.0x200	1

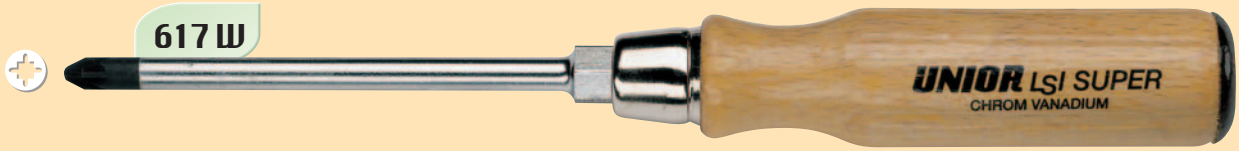
607 CS 7 NI — SET OF SCREWDRIVERS

Code	Set/pcs		
609284	7	550	10

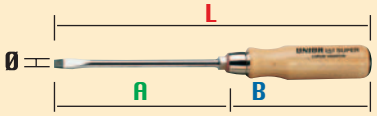
CONTENTS:

Art.	mm	pcs
605	4.0x100	1
	5.5x125	1
	6.5x150	1
	8.0x175	1
615	PH 1x80	1
	PH 2x100	1
	PH 3x150	1





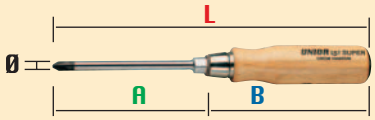
600 W — FLAT SCREWDRIVER WITH HEXAGON BOLSTER AND WOODEN HANDLE



DIN 5265 ISO 2380

Code			A	B	L	⬢	Ø		
602809	0.6	3.5	75	100	175	4.5	6	45	10
602810	0.8	4.5	90	100	190	4.5	6	55	10
602811	1.0	5.5	100	100	200	5.5	8	61	10
602812	1.2	6.5	125	100	225	6.0	10	100	10
602813	1.2	8.0	150	110	260	8.0	12	165	5
602814	1.6	10.0	175	110	285	8.0	12	185	5
602815	2.0	12.0	200	120	320	9.0	13	255	5
603145	2.5	14.0	250	140	390	10.0	16	361	5

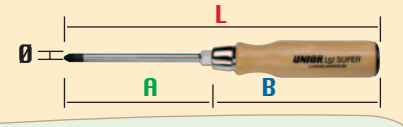
616 W — CROSSTIP (PH) SCREWDRIVER WITH HEXAGON BOLSTER AND WOODEN HANDLE



DIN 5262 ISO 8764

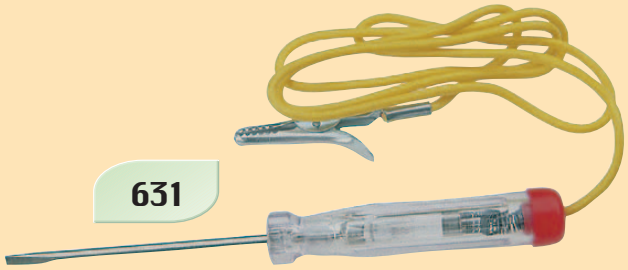
Code		A	B	L	⬢	Ø		
602816	1	80	100	180	4.5	7	41	10
602817	2	100	100	200	6.0	10	64	10
602818	3	150	110	260	8.0	12	119	5
602819	4	200	120	320	10.0	16	215	5

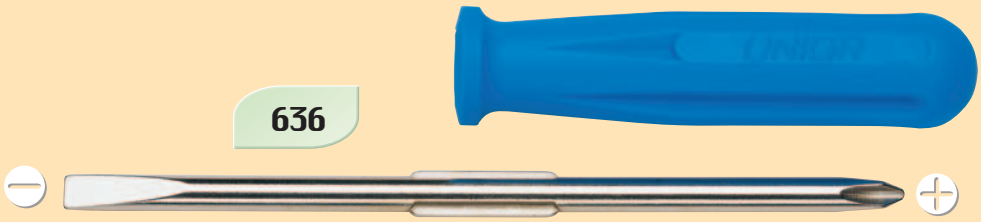
617 W — DOUBLE CROSSTIP (PZ) SCREWDRIVER WITH HEXAGON BOLSTER AND WOODEN HANDLE



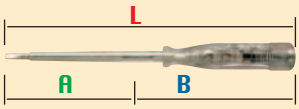
DIN 5262 ISO 8764

Code		A	B	L	⬢	Ø		
603467	1	80	100	180	4.5	7	41	10
603468	2	100	100	200	6.0	10	64	10
603469	3	150	110	260	8.0	12	119	5
603470	4	200	120	320	10.0	16	215	5





630 VDE — VOLTAGE TESTER 220 – 250 V



Code		A	B	L	Ø		
601686	0.5	3.0	60	80	140	3.0	25	10
601687	0.6	3.5	90	90	180	3.5	30	10

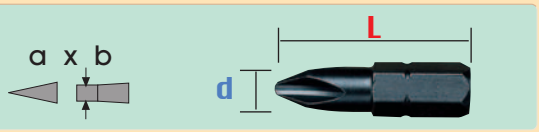
631 — CAR LIGHT TESTER 6 – 12/24 V

Code			A	B	L	Ø		
601688	6-12 V	0.5	3.0	60	80	140	3.0	35	10
601689	6-24 V	0.6	3.5	90	90	180	3.5	35	10

636 — REVERSIBLE SCREWDRIVER

Code			L	Ø		
608922	1.0x6.0	PH2	140	6	65	10

* SPECIAL ALLOY STEEL
* LONG DURABILITY
* ANTI – CORROSION PROTECTION
* FOR HAND AND POWER DRIVERS
* COMBINED WITH DIFFEREN MAGNETIC AND NON – MAGNETIC BIT HOLDERS



6460 SLOTTED BITS

DIN 3127 ISO 2351 — C 6,3

Code	axb	L		
602370	0.5x3.0	25	4.2	10
602371	0.5x4.0	25	4.7	10
602372	0.6x3.5	25	4.4	10
602373	0.6x4.5	25	5.1	10
602374	0.8x4.0	25	4.7	10
602375	0.8x5.5	25	5.9	10
602376	1.0x5.5	25	5.9	10
602377	1.2x6.5	25	6.9	10
602378	1.2x8.0	25	8.6	10

6480 SLOTTED BITS

DIN 3127 ISO 2351 — C 8

Code	axb	L		
602413	0.8x5.5	41	11.5	10
602414	1.0x5.5	41	11.5	10
602415	1.2x6.5	41	13.5	10
602416	1.2x8.0	41	17.2	10
602417	1.6x8.0	41	17.2	10
602418	1.6x10.0	41	23.3	10
602419	2.0x12.0	41	30.8	10
602420	2.5x14.0	41	39.6	10

6500 SLOTTED BITS

DIN 3127 ISO 2351 — E 6,3

Code	axb	L		
602510	0.5x3.0	50	8.1	10
602511	0.5x4.0	50	9.1	10
602512	0.6x3.5	50	8.5	10
602513	0.6x4.5	50	9.7	10
602514	0.8x4.0	50	9.1	10
602515	0.8x5.5	50	11.2	10
602516	1.0x5.5	50	11.2	10
602517	1.2x6.5	50	13.1	10.
602518	1.2x8.0	50	17.2	10

6463 CROSSTIP (PH) BITS

DIN 3128 ISO 1173 — C 6,3

Code		d	L		
602388	0	3.0	25	3.8	10
602389	1	4.5	25	4.8	10
602390	2	6.0	25	6.2	10
602391	3	8.0	25	8.6	10

6463 TiN CROSSTIP (PH) BITS

* ti coated

DIN 3128 ISO 1173 — C 6,3

Code		d	L		
604691	1	4.5	25	4.8	10
604692	2	6.0	25	6.2	10
604693	3	8.0	25	8.6	10

6464 CROSSTIP (PH) BITS

DIN 3128 ISO 1173 — C 6,3

Code		d	L		
602392	3	8.0	32	11.8	10
602393	4	10.0	32	16.8	10

6465 CROSSTIP (PH) BITS

DIN 3128 ISO 1173 — C 6,3

Code		d	L		
602394	1	4.5	50	8.0	10
602395	2	6.0	50	11.7	10
602396	3	8.0	50	18.4	10

6483 CROSSTIP (PH) BITS

DIN 3128 ISO 1173 — C 8

Code		d	L		
602422	1	4.5	32	8.4	10
602423	2	6.0	32	10.0	10
602424	3	8.0	32	13.3	10

6484 CROSSTIP (PH) BITS

DIN 3128 ISO 1173 — C 8

Code		d	L		
602425	4	10.0	38	20.9	10

6503 CROSSTIP (PH) BITS

DIN 3128 ISO 1173 — E 6,3

Code		d	L		
602519	1	4.5	50	9.4	10
602520	2	6.0	50	11.9	10
602521	3	8.0	50	16.2	10

6466 DOUBLE-CROSSTIP (PZ) BITS

DIN 3128 ISO 1173 — C 6,3

Code		d	L		
602397	1	4.5	25	4.8	10
602398	2	6.0	25	6.2	10
602399	3	8.0	25	8.6	10

6466 TiN DOUBLE-CROSSTIP (PZ) BITS

* ti coated

DIN 3128 ISO 1173 — C 6,3

Code		d	L		
604694	1	4.5	25	4.8	10
604695	2	6.0	25	6.2	10
604696	3	8.0	25	8.6	10

6486 DOUBLE-CROSSTIP (PZ) BITS

DIN 3128 ISO 1173 — C 8.0

Code		d	L		
602426	1	4.5	32	8.4	10
602427	2	6.0	32	10.2	10
602428	3	8.0	32	13.3	10

6506 DOUBLE-CROSSTIP (PZ) BITS

DIN 3128 ISO 1173 — E 6,3

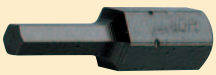
Code		d	L		
602522	1	4.5	50	9.4	10
602523	2	6.0	50	11.9	10
602524	3	8.0	50	16.2	10

6469 HEX SOCKET BITS

C 6,3

Code		L		
602400	2.5	25	4.9	10
602401	3.0	25	5.3	10
602402	4.0	25	6.0	10
602403	5.0	25	6.8	10
602404	6.0	25	8.8	10

6489 HEX SOCKET BITS



C 8

Code		L		
602429	3	30	7.3	10
602430	4	30	8.1	10
602431	5	30	9.2	10
602432	6	30	10.4	10
602433	7	30	11.9	10
602434	8	30	13.6	10
602435	10	30	17.9	10

6509 HEX SOCKET BITS

E 6,3

Code		L		
602525	2.5	50	8.2	10
602526	3.0	50	8.7	10
602527	4.0	50	9.9	10
602528	5.0	50	11.6	10
602529	6.0	50	13.5	10

6472 TX PROFILE BITS

C 6,3

Code		L		
602405	6	25	3.4	10
602406	7	25	3.5	10
602407	8	25	3.7	10
602408	9	25	3.7	10
602409	10	25	3.8	10
602410	15	25	4.2	10
602411	20	25	4.5	10
602412	25	25	5.0	10

6472 TiN WITH TX PROFILE BITS

* ti coated

C 6,3

Code		L		
604697	8	25	3.7	10
604698	9	25	3.7	10
604699	10	25	3.8	10
604700	15	25	4.2	10
604701	20	25	4.5	10
604702	25	25	5.0	10
604825	30	25	5.5	10

6492 TX PROFILE BITS

C 8,0

Code		L		
605518	20	35	8.2	10
602436	25	35	8.4	10
602437	27	35	8.8	10
602438	30	35	9.9	10
602439	40	35	11.2	10
602440	45	35	12.7	10
602441	50	35	14.3	10

6515 SQUARE (SQ) BITS

C 6,3

Code		L		
603417	1	75	14.5	10
603418	2	75	18.0	10
603419	3	75	25.3	10

6715 UNIVERSAL HOLDER WITH MAGNET

DIN 7427

E 6,3

Code		L		
603028	E 6.3 (1/4")	77	31	5

6777 BITS BOX

C 6,3

Code	Set/pcs		
605526	10	119	1

CONTENTS:

Art.	mm	pcs
6460	4.0x0.5	1
	5.5x08	1
	6.5x1.2	1
6463	PH 1+2+3	3
6466	PZ 1+2+3	3
6715	E 6.3 (1/4")	1

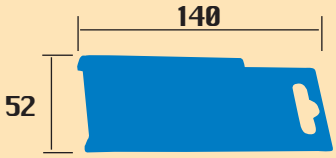
6778 BITS BOX

C 6,3

Code	Set/pcs		
605527	18	198	1

CONTENTS:

Art.	mm	pcs
6460	4.0x0.5	1
	5.5x08	1
	6.5x1.2	1
6463	PH 1+2+3	3
6466	PZ 1+2+3	3
6469	3+4+5+6	4
6472	10+15+20+25	4
6715	E 6.3 (1/4")	1



6778/2A BITS BOX

C 6,3

Code	Set/pcs		
603768	6	50	1

CONTENTS:

Art.	mm	pcs
6460	4.0x0.5	1
	5.5x08	1
	6.5x1.2	1
6463	PH 1+2+3	3

6778/8A BITS BOX

C 6,3

Code	Set/pcs		
603774	10	30	1

CONTENTS:

Art.	mm	pcs
6472	TX 8+9	2
6472	10+15+20+25	8

6778/39B BITS BOX

C 6,3

Code	Set/pcs		
603805	5	40	1

CONTENTS:

Art.	mm	pcs
64720	T 9+10+15+20+25	5

6778/5A BITS BOX

C 6,3

Code	Set/pcs		
603771	10	38	1

CONTENTS:

Art.	mm	pcs
6463	PH 1	3
	PH 2	5
	PH 3	2

6778/9C BITS BOX

C 6,3

Code	Set/pcs		
603775	5	45	1

CONTENTS:

Art.	mm	pcs
6460	0.5x3.0	1
	0.5x4.0	1
	1.0x5.5	1
	1.2x6.5	1
	1.2x8.0	1

6778/21C BITS BOX

C 6,3

Code	Set/pcs		
603787	5	25	1

CONTENTS:

Art.	mm	pcs
6472	(9+10+15+20+25)	5

6778/32F BITS BOX

C 6,3

Code	Set/pcs		
603798	5	70	1

CONTENTS:

Art.	mm	pcs
6463	PH 1	1
	PH 2	2
	PH3	1
6715	E 6.3 (1/4")	1

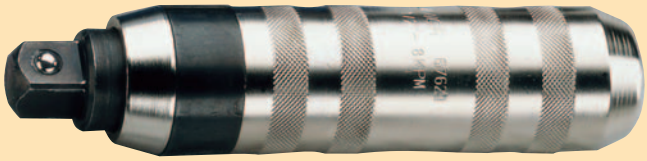
6778/34F BITS BOX

C 6,3

Code	Set/pcs		
603800	5	70	1

CONTENTS:

Art.	mm	pcs
6460	0.5x3.0	1
	0.5x4.0	1
	1.0x5.5	1
	1.2x6.5	1
6715	E 6.3 (1/4")	1



6762.1 IMPACT SCREWDRIVER

Code	L		
605062	140	660	1

6762.2 ADAPTOR 1/2" - 5/16"

Code	L		
605063	35	60	1

6762 IMPACT SCREWDRIVER - SET

Code	Set/pcs		
605061	14	1160	1

CONTENTS:

Art.	mm	pcs
6762.1	140	1
6762.2	35	1
6480	1.2x6.5	1
	1.6x8.0	1
	2.0x12.0	1
6483	PH 2	1
	PH 3	1
6484	PH 4	1
6489	5	1
	6	1
6492	TX 20	1
	TX 25	1
	TX 30	1
	TX 40	1

HAMMERS, PUNCHES, CHISELS

POWER IN YOUR HAND

FEATURES OF UNIOR'S HAMMERS

207	ball-pein hammer	806
207	club hammer	817
207	lochsmith's hammer LSI super	812/1
207	locksmith's hammer	812
208	carpenters' hammer	805/1
208	carpenters' hammer	805
208	masons' hammer	809
208	masons' hammer	810
209	claw hammer	813
209	claw hammer	814
209	welding hammer	830
210	bumping hammer	819
210	sledge hammer	816
210	sledge hammer	818
211	bumping hammer	820/2
211	bumping hammer	820
212	centre punch	642
212	drift punch	640
212	pin punch	641
213	chisel and punch set	645
213	drift and centre punch set	646
213	pin punch set	647
214	cross chisel	670
214	cross chisel with guard	670 HS
214	flat chisel	660
214	flat chisel with guard	660 HS
215	mason's chisel	660 A
215	mason's chisel with guard	660 AHS
215	pointed chisel	670 A
215	pointed chisel with guard	670 AHS
216	electrican's chisel	665 A
216	jointing chisel with guard	667 A
216	jointing chisel with guard	667 A HS
216	slitting chisel	666 A
216	slitting chisel with guard	666 A HS
217	chisel and punch set on metal stand	675 A
217	chisel and punch set on metal stand	675
217	tyre lever	300 A
217	tyre lever	300

HAMMERS, PUNCHES, CHISELS

POWER IN YOUR HAND

FEATURES OF UNIOR'S HAMMERS

* MATERIAL: CARBON TOOL STEEL
* STRIKING FACE AND NOSE INDUCTION HARDENED
* SURFACE FINISH: LACQUERED
* ASH WOOD HANDLE WITH SPECIAL OVAL WEDGE,
  ARTICLE 809, 805, 805/1 AND 813 HAVE CHROME PLATED METAL TUBULAR HANDLE WITH PLASTIC GRIP

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

806

812

812/1

817

812/1 LOCKSMITHS` HAMMER LSI SUPER

DIN 1041

Code		L		
602536	200	280	270	10
602537	300	300	380	10
602538	500	320	600	10
602539	800	350	1000	6
603164	1000	360	1160	6

* handle with protective plastic sleeve and fitted with roll pin and oval wedge

806 BALL-PEIN HAMMER

DIN 6475

Code		L		
612221	323	340	486	6
612222	348	454	586	6
612223	398	680	940	6
612224	398	910	1118	6

812 LOCKSMITHS` HAMMER

DIN 1041

Code		L		
601796	100	260	160	10
601797	150	280	210	10
601799	200	280	250	10
601801	250	300	330	10
601802	300	300	370	10
601803	400	310	500	10
601804	500	320	600	10
601805	600	330	710	6
601806	800	350	910	6
601807	1000	360	1260	6
601808	1250	380	1390	6
601809	1500	380	1630	6
601810	2000	400	2150	6

817 CLUB HAMMER

DIN 6475

Code		L		
601840	1000	260	1100	6
601841	1250	260	1310	6
601842	1500	280	1600	6
601843	2000	300	2090	6

805/1
WITH MAGNETIC HOLDER

809 MASONS` HAMMER

Code	L		
601825	650	300	910	6

* chrome plated metal tubular handle with plastic grip

810 MASONS` HAMMER

Code	L		
601826	700	320	860	10

805 CARPENTERS` HAMMER

DIN 7239 form C

Code	L		
601824	550	320	810	6

* with holder for nails * chrome plated metal tubular handle with plastic grip
* art. 805/1 with magnetic holder for nails

805/1 CARPENTERS` HAMMER

DIN 7239 form C

Code	L		
605516	550	320	810	6

813 CLAW HAMMER

Code		L		
601828	450	300	700	6

* chrome plated metal tubular handle with plastic grip

814 CLAW HAMMER

Code		Ø D	L		
602046	600	30	340	750	6

830 WELDING HAMMER

Code		L		
601838	400	320	550	10

816 SLEDGE HAMMER

* material: carbon tool steel *woden handle

DIN 1042

Code		H		
601812	3000	600	3400	1
601813	4000	700	4400	1
601814	5000	800	5500	1
601816	8000	900	8700	1

818 SLEDGE HAMMER

* material: carbon tool steel *woden handle

DIN 6475

Code		H		
601844	3000	600	3400	1
601845	4000	700	4400	1
601847	5000	800	5500	1
601848	6000	800	6500	1
601849	8000	900	8600	1
601850	10000	900	10600	1

819 BUMPING HAMMER

Code		A x B		
610420	700	30x40	700	25

* non rebound
* housing from cut steel plate
* ergonomic rubber grip
* inserts polyurethane (exchangeable)
* broad applications and high security

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

210

820 BUMPING HAMMER

Code	Ø	L		
601832	22	260	160	10
601833	27	280	240	10
601834	32	300	350	10
601835	40	320	560	10
601836	50	360	880	6
601837	60	380	1200	6

820.1 spare heads

Code	for Ø	
602530	22	10
602531	27	10
602532	32	10
602533	40	10
602534	50	10
602535	60	10

* material: celidor, hardness 60-70 shore D * oil resistant * grey cast head
* wooden handle, lacquered * intended for working soft and easily damaged material

820/2 BUMPING HAMMER

Code	Ø	L		
605491	22	260	160	10
605492	27	280	240	10
605493	32	300	350	10
605494	40	320	560	10
605495	50	360	880	6
605496	60	380	1200	6

820.1/2 spare heads

Code	for Ø	
605503	22	10
605504	27	10
605505	32	10
605506	40	10
605507	50	10
605508	60	10

* material: polyurethan, hardness 45-55 shore D * oil and grease resistant * grey cast head
* wooden handle, lacquered * very tough and unbreakable material, that allows versatility of use

* material: chrome vanadium
* entirely hardened and tempered
* tip induction hardened
* surface finish: lacquered

640

641

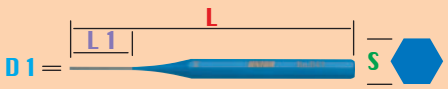
642

640 DRIFT PUNCH

* tehnical characteristics after DIN 7255

Code	D 1	L	L 1	S		
601702	1	110	40	8	65	10
601703	2	110	40	8	66	10
601704	3	110	40	10	67	10
601705	4	125	55	10	69	10
601706	5	125	55	10	70	10
601707	6	125	55	10	72	10
602665	7	125	55	14	101	10
601708	8	125	55	14	105	10
601709	10	150	65	16	136	10

641 PIN PUNCH

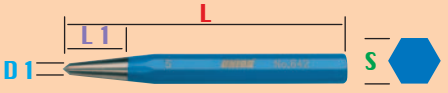


DIN 6450

Code	D 1	L	L 1	S		
601711	2	115	30	8	35	10
601712	3	150	40	8	41	10
601713	4	150	50	10	69	10
601714	5	150	50	10	70	10
601715	6	150	50	10	75	10
601716	7	150	50	12	105	10
601717	8	150	50	12	111	10
601719	10	150	50	12	122	10

642 CENTRE PUNCH

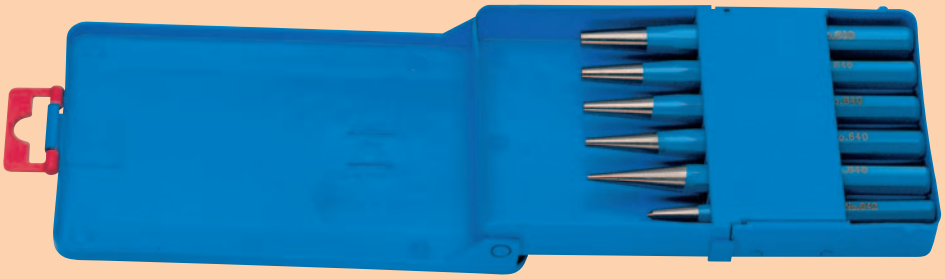
* tehnical characteristics after DIN 7255



Code	D 1	L	L 1	S		
601724	3	110	40	10	60	10
601725	4	125	55	10	65	10
601726	5	125	55	10	100	10

645

646



647

645 CHISEL AND PUNCH SET

Code	SET/pcs		
601739	6	540	1

CONTENTS:

Art.	mm	pcs
640	2+4+6	3
642	3	1
660A	125	1
670A	125	1

646 DRIFT AND CENTRE PUNCH SET

Code	SET/pcs		
601737	6	425	1

CONTENTS:

Art.	mm	pcs
640	2+3+4+5+6	5
642	3	1

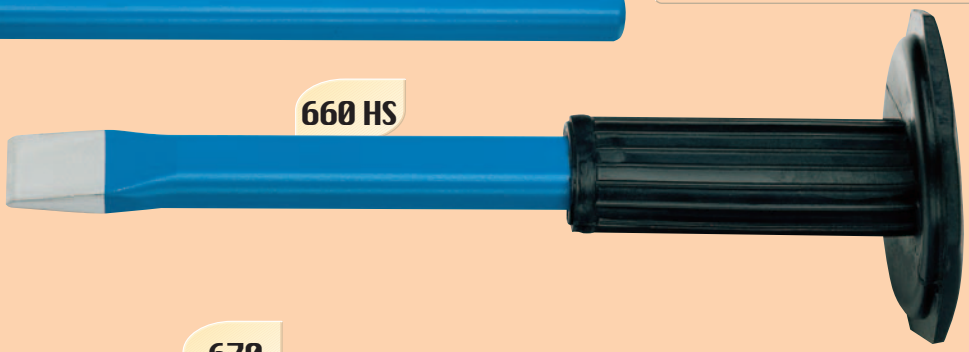
647 PIN PUNCH SET

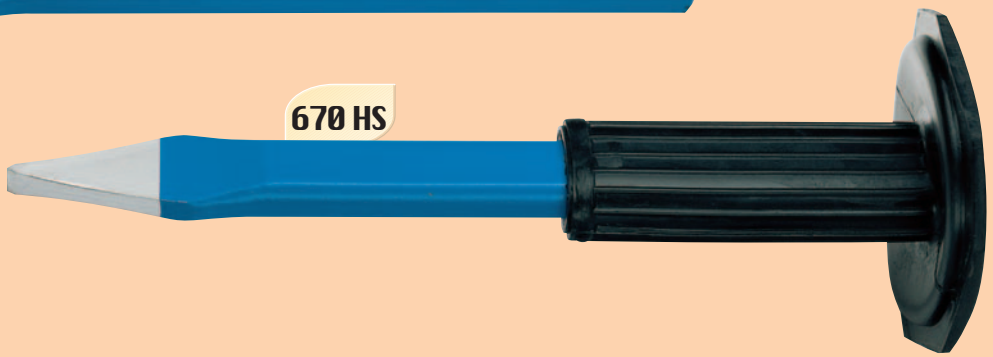
Code	SET/pcs		
601738	6	410	1

CONTENTS:

Art.	mm	pcs
641	2+3+4+5+6+8	6

* material: chrome vanadium
* drop forged
* entirely hardened and tempered, cutting edge induction hardened
* surface finish: lacquered





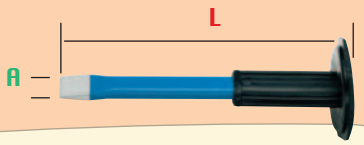
660 FLAT CHISEL

DIN 6453

Code	L	mm	A		
604267	100	14x9	15	90	10
601732	150	17x11	18	205	10
604242	175	20x12	21	280	10
601733	200	23x13	24	370	10
601734	250	23x13	25	500	10

660 HS FLAT CHISEL WITH GUARD

DIN 6453



Code	L	mm	A		
608484	250	23x13	25	605	5

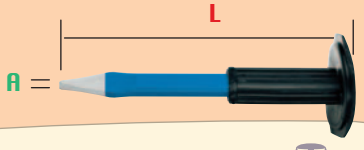
670 CROSS CHISEL

DIN 6451

Code	L	mm	A		
601747	150	17x11	6	180	10
601748	200	20x12	8	340	10
601749	250	23x13	9	455	10

670 HS CROSS CHISEL WITH GUARD

DIN 6451

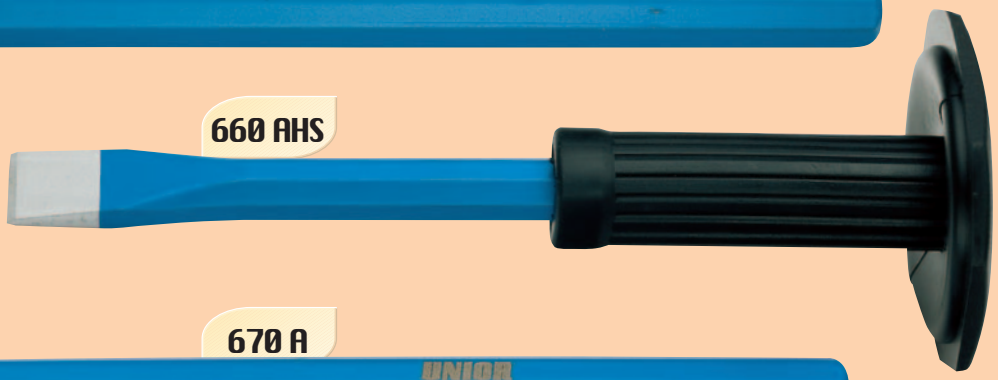


Code	L	mm	A		
608485	250	23x13	9	560	5

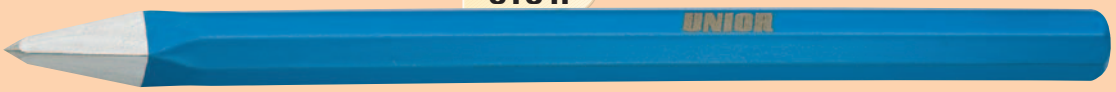
* material: chrome vanadium
* drop forged
* entirely hardened and tempered, cutting edge induction hardened
* surface finish: lacquered

660 A

660 AHS



670 A



670 AHS

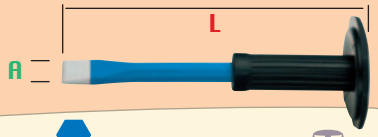
660 A MASON`S CHISEL

DIN 7254 form B

Code	L	mm	A		
608554	125	10	12	100	10
608492	250	16	23	380	10
608493	300	18	26	460	10
608494	350	18	26	750	5
608495	400	20	30	1050	3
608496	500	20	30	1300	5

660 AHS MASON`S CHISEL WITH GUARD

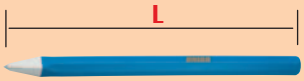
DIN 7254 form B



Code	L	mm	A		
608497	250	16	23	485	5
608498	300	18	26	565	5
608499	350	18	26	855	5

670 A POINTED CHISEL

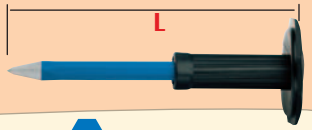
DIN 7256



Code	L	mm		
608555	125	10	100	10
604174	250	16	365	10
608486	300	18	570	10
608487	350	18	675	5
604903	400	20	965	5
608488	500	20	1235	5

670 AHS POINTED CHISEL WITH GUARD

DIN 7256



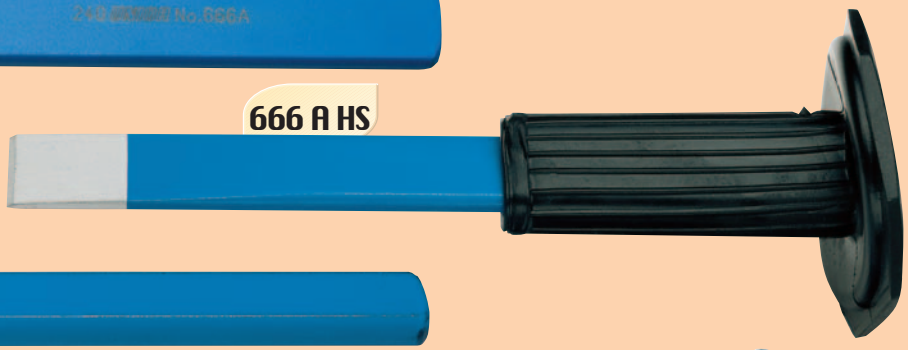
Code	L	mm		
608489	250	16	470	5
608490	300	18	675	5
608491	350	18	780	5

* material: chrome vanadium * drop forged
* entirely hardened and tempered, cutting edge induction hardened * surface finish: lacquered

665 A

666 A

666 A HS



667 A

667 A HS

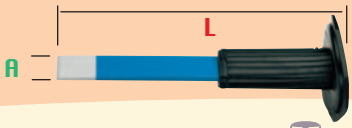
665 A ELECTRICIAN`S CHISEL

Code	L	mm	A		
608500	250	8	10	120	10
608501	250	10	12	190	10

666 A SLITTING CHISEL

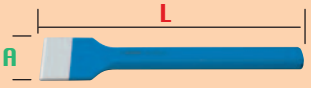
Code	L	mm	A		
603477	240	26x7	26	330	10

666 A HS SLITTING CHISEL WITH GUARD



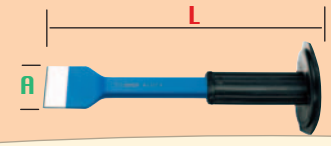
Code	L	mm	A		
608503	240	26x7	26	435	5

667 A JOINTING CHISEL



Code	L	mm	A		
608671	250	23x13	50	550	10

667 A HS JOINTING CHISEL WITH GUARD



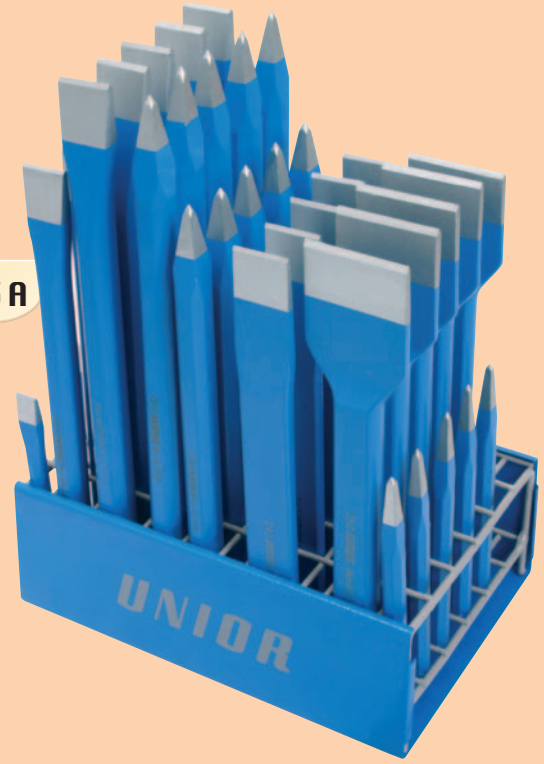
Code	L	mm	A		
609286	250	23x13	50	655	5

300

300 A

675

675 A



300 TYRE LEVER

* material: chrome vanadium
* end drop forged
* hardened and tempered
* surface finish: zinc plated

Code	L		
601755	300	275	10
601756	400	338	10
601757	500	524	10

300 A TYRE LEVER

* material: chrome vanadium
* end drop forged
* hardened and tempered
* surface finish: zinc plated

Code	L		
601758	537	1030	10

675 CHISEL AND PUNCH SET ON METAL STAND

Code	SET/pcs		
611998	100	16097	1

CONTENTS:

Art.	Dimension/pcs
640	2/5,3/5,4/5,5/5,6/5
641	2/5, 4/5,5/5,6/5,8/5
642	4/5,5/5
660	100/5,150/5,175/5,200/5,250/5
670	150/5, 200/5,250/5

675 A CHISEL AND PUNCH SET ON METAL STAND

Code	SET/pcs		
611997	40	14158	1

CONTENTS:

Art.	Dimension/pcs
660A	125/5,250/5,300/5
666A	240/5
667A	250/5
670A	125/5,250/5,300/5

TORQUE AND MEASURING TOOLS

P O W E R I N Y O U R H A N D

FEATURES OF UNIOR TORQUE TOOLS

224	dial torque wrench 1/2"	262
224	dial torque wrench 1/4"	260
224	dial torque wrench 3/8"	261
225	feeler gauges	701
225	folding rule	710 W
225	measuring tapes	710 P
225	slipper torque wrench 1/2"	263 L
225	slipper torque wrench 1/2"	263
226	alu-spirit level	1250
226	alu-spirit level with magnet	1252
226	mason's profiles	1272
226	mason's staff	1270
227	mason's squares	1262
227	try squares	1260
227	try squares with back	1260 A
228	digital vernier	270
228	vernier	271

PULLERS

POWER IN YOUR HAND

FEATURES OF UNIOR'S PULLERS

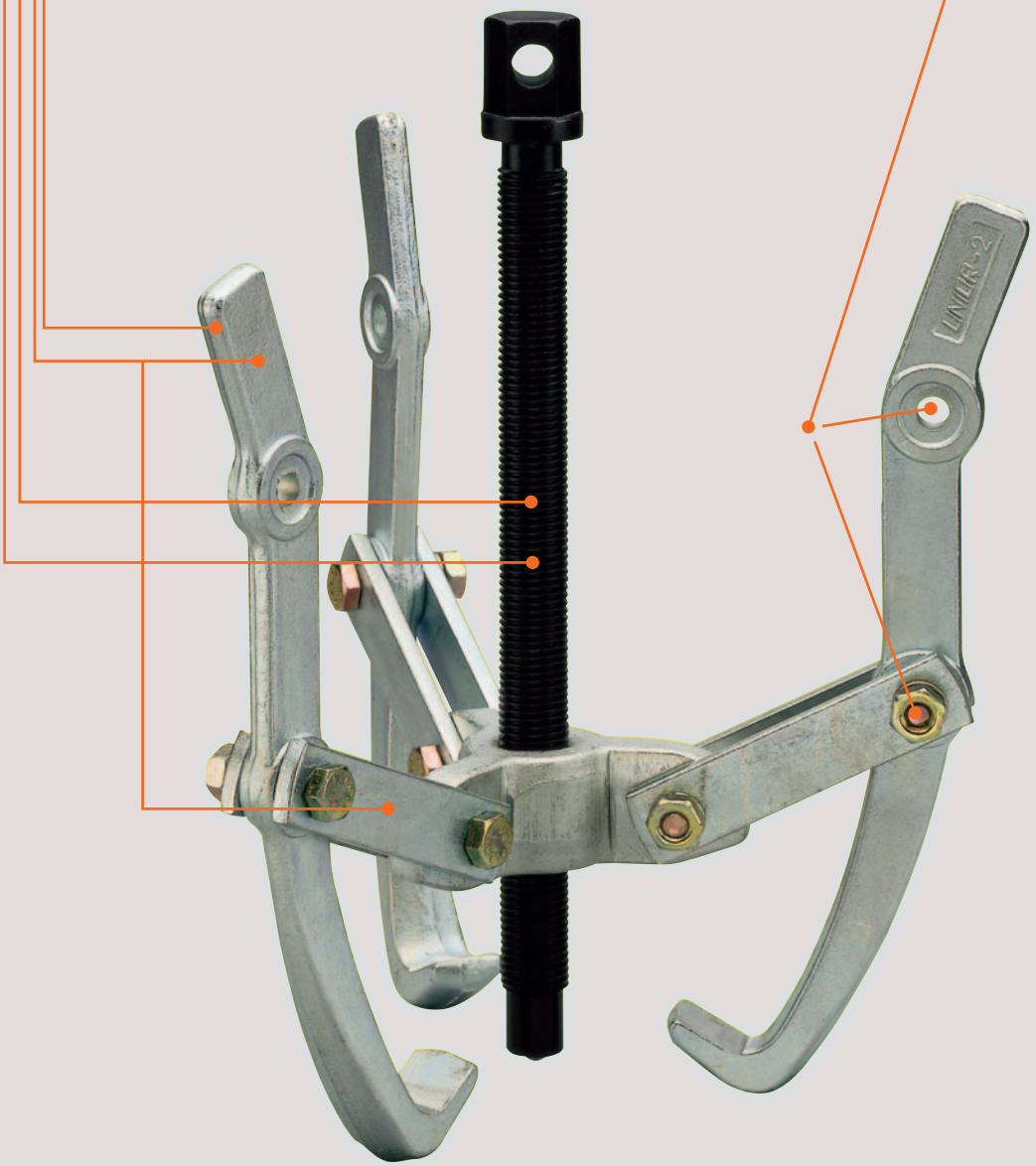
220	puller with five adjustable arms	687
220	puller with three adjustable arms	682
220	puller with two adjustable arms	680
221	professional ball joint puller	686/1
221	professional ball joint puller	686
221	puller with two sliding arms	681
221	pulling chuck	684
221	universal extractor with sliding hammer	685

PULLERS

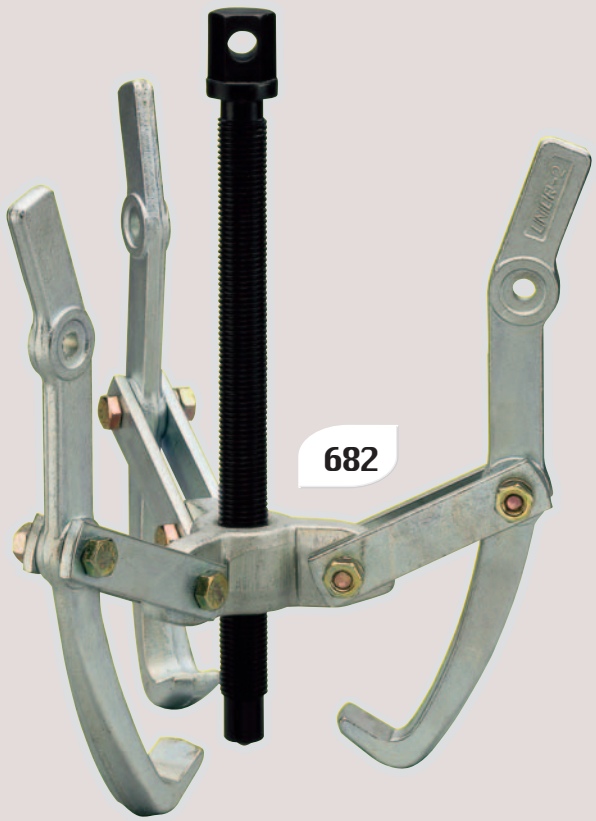
POWER IN YOUR HAND

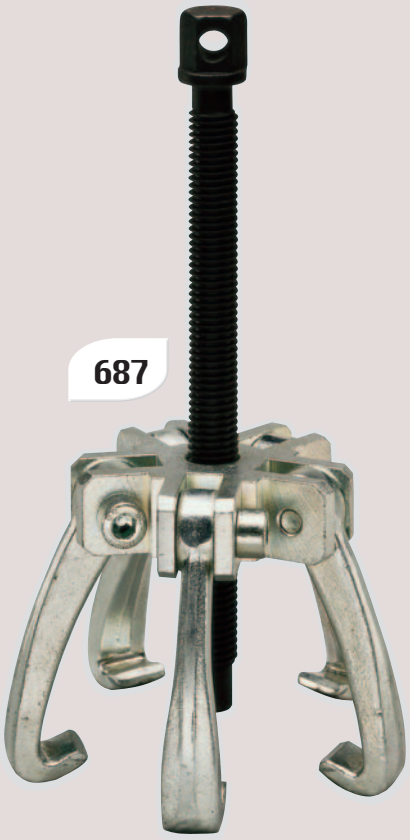
FEATURES OF UNIOR'S PULLERS

* SURFACE FINISH BURNISHED
* SCREW ENTIRELY HARDENED TEMPERED
* CARBON TOOL STEEL
* ARMS ADJUSTABLE IN TWO POSITIONS INSTEAD ARTICLE NO. 682 AND 680
* ARMS, BODY, SCREW DROP FORGED
* SURFACE FINISH: ZINC PLATED



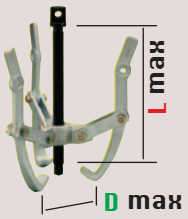
ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.





682 PULLER WITH THREE ADJUSTABLE ARMS

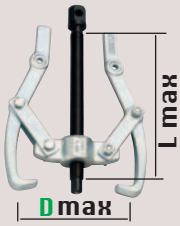
* lever action claws fit closely under the part to be removed



Code	No.	L max	D max		
612604	0/3	90	90	432	1
601767	1/3	160	130	1030	1
601768	2/3	230	190	2570	1
601769	3/3	300	250	5250	1

680 PULLER WITH TWO ADJUSTABLE ARMS

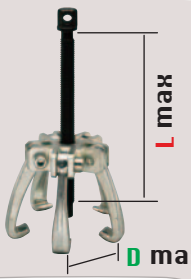
* stable arms maximise pulling force



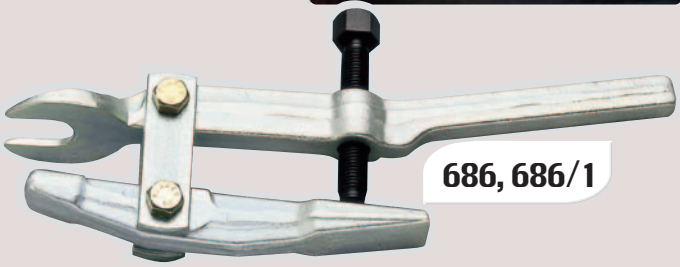
Code	No.	L max	D max		
612603	0/7	90	90	323	1
601762	1/2	160	130	965	1
601763	2/2	230	190	2060	1
601764	3/2	300	250	4235	1

687 PULLER WITH FIVE ADJUSTABLE ARMS

* sturdy design for very heavy duty work
* lever action claws fit closely under the part to be removed

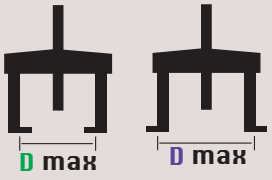


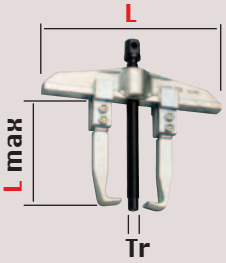
Code	L max	D max		
602848	120	47	1050	1



681 PULLER WITH TWO SLIDING ARMS

* by reversing the arms, the puller can be as internal or external puller
* sturdy design for very heavy duty work





Code	No.	L	D max	D min	D max	D min	L max	Tr		
601765	300	280	220	70	260	110	150	18x2	3000	1
601766	400	450	360	110	450	190	200	26x3	8860	1

684 PULLING CHUCK

* material: housing and nut from cast iron
* claws drop forged, hardened and tempered
* screw with rolled thread entirely hardened and tempered, jaws induction – hardened
* for removing separate bearing inner races in engines, dynamos etc.

Code	D max	D min	L max		
601770	32	6	190	1350	1

686 PROFESSIONAL BALL JOINT PULLER

* screw with rolled thread entirely hardened and tempered
* jaws induction - hardened

Code		L		
601772	16	260	940	1

686/1 PROFESSIONAL BALL JOINT PULLER

* screw with rolled thread entirely hardened and tempered
* jaws induction - hardened

Code		L		
602369	18	260	1080	1

685 UNIVERSAL EXTRACTOR WITH SLIDING HAMMER

* claws drop forged, hardened and tempered
* used for inaccessible areas
* for internal use
* in set with arms, for small and large diameters

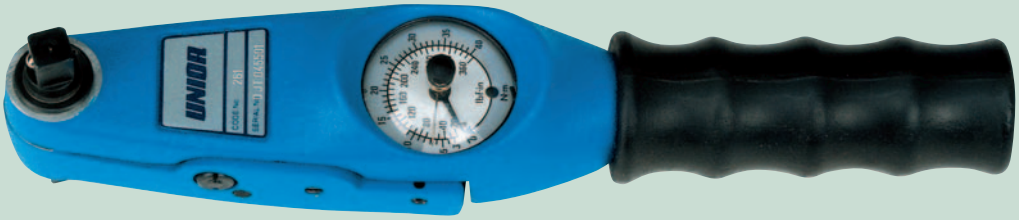
Code	ARMS	D max	D min	L max	L		
601771	straight	80	30	125	600	2620	1
	bent	180	120				

TORQUE AND MEASURING TOOLS

P O W E R I N Y O U R H A N D

FEATURES OF UNIOR TORQUE TOOLS

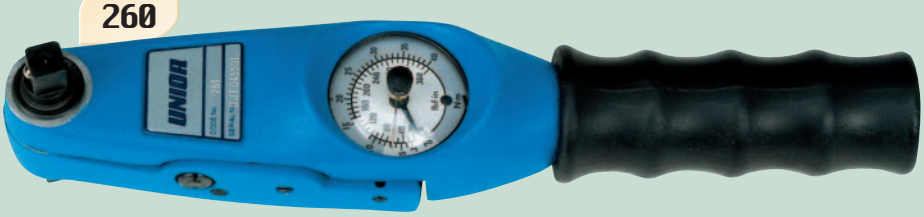
* ALL MODELS ARE FITTED DOUBLE ENDED RATCHETING SPINDLES (1/4", 3/8", 1/2")
* ALL MODELS HAVE OVERLOAD PROTECTION
* MODELS HAVE VISUAL SIGNAL
* ALL MODELS ARE SUPPLIED IN DURABLE STORAGE CASE
* TORQUE WRENCHES ARE ACCORDANCE WITH THE REQUIREMENTS OF ISO 6789 STANDARD



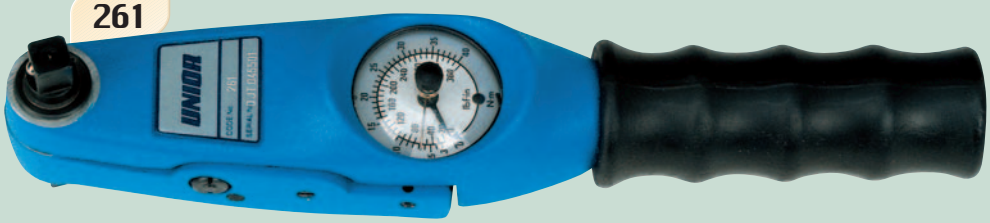
* REVERSIBLE RATCHET HEAD
* WRENCH OPERATES IN CLOCKWISE AND ANTI-CLOCKWISE DIRECTIONS FOR TIGHTENING ON LEFT AND RIGHT HAND THREADS
* UNMISTAKABLE SIGNAL WHEN SET TORQUE IS REACHED
* DUAL SCALE LBF.FT AND NM ON ART. 263L

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

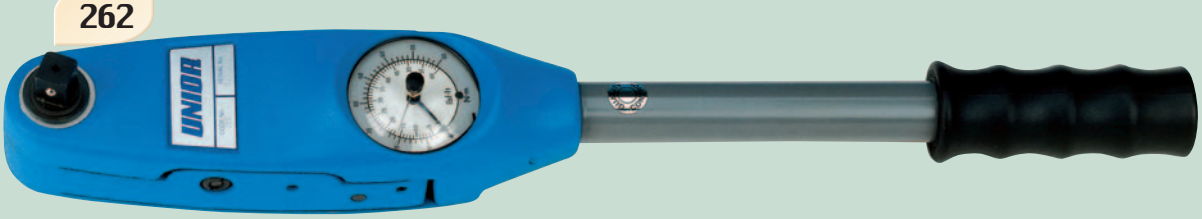
260



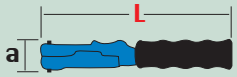
261



262



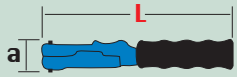
260 1/4" DIAL TORQUE WRENCH



ISO 6789

Code	ISO (N-m) RANGE	ISO (N-m) SCALE SUB-DIVS	IMPERIA RANGE	IMPERIA SCALE SUB-DIVS	square	a	L		
607138	0.5 - 13.5	0.5	4-120 lbf-in	2 lbf-in	1/4	61	244	520	1

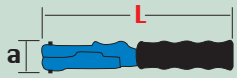
261 3/8" DIAL TORQUE WRENCH



ISO 6789

Code	ISO (N-m) RANGE	ISO (N-m) SCALE SUB-DIVS	IMPERIA RANGE	IMPERIA SCALE SUB-DIVS	square	a	L		
607139	3 - 40	1	20-360 lbf-in	10 lbf-in	3/8	69	244	520	1

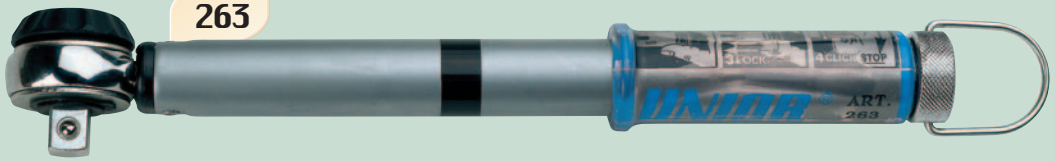
262 1/2" DIAL TORQUE WRENCH



ISO 6789

Code	ISO (N-m) RANGE	ISO (N-m) SCALE SUB-DIVS	IMPERIA RANGE	IMPERIA SCALE SUB-DIVS	square	a	L		
607140	6 - 80	2	5-60 lbf-in	1 lbf-in	1/2	86	435	1500	1

263

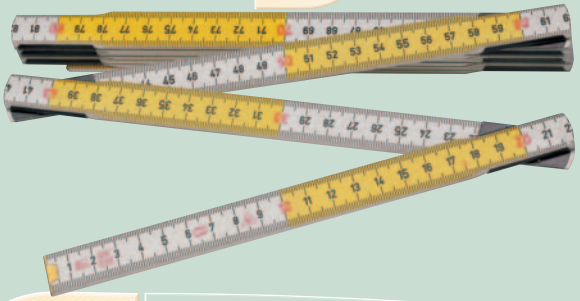


263 L

710 P

701

710 W



263 L — 1/2" SLIPPER TORQUE WRENCH

ISO 6789

Code	square drive	Nm	lbf.it	L		
607948	1/2"	60 - 330	45 - 250	675	1440	1

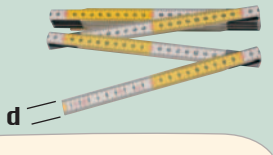
263 — 1/2" SLIPPER TORQUE WRENCH

ISO 6789

Code	square drive	Nm	lbf.it	L		
607152	1/2"	8 - 54	5 - 40	280	800	1
607150	1/2"	30 - 150	20 - 110	420	1000	1
607151	1/2"	50 - 230	40 - 170	534	1600	1

710 W — FOLDING RULE

* wooden folding rules
* white and yellow colour (changing every 10 cm)
* graduation printed in both sides



Code	m	d		
609365	2 m	17	110	10

710 P — MEASURING TAPE

* plastic double component casing
* with stop and clip

Code	m	d		
612131	2	16	101	12
612132	3	16	123	12
612133	5	19	212	12
612134	8	25	447	12
612135	10	25	499	12

701 — FEELER GAUGES

Certificate of conformity
and guarantee
According with DIN 862
Stainless steels

FUNCTION:
* Measurements of internal dimensions
* Measurements of external dimension
* Measurements of deepth
* Measurements of steps

Code	diam	Psc/set	
601896	0,05-0,5	8	10
601897	0,05-1	13	10
601898	0,05-1	20	10

1250 ALU-SPIRIT LEVEL

* quality aluminium profile, dimension 48x22 mm
* silver eloxated
* fited with shock-proof plexi vials
* accurate to 0,5 mm/m
* electronically tested

Code	L		
610716	300	220	10
610717	400	270	10
610718	500	340	10
610719	600	380	10
610720	800	510	10
610721	1000	600	10
610722	1200	680	10
610723	1500	900	10
610724	2000	1200	10

1252 ALU-SPIRIT LEVEL WITH MAGNET

* quality aluminium profile, dimension 48x22 mm
* silver eloxated
* fited with shock-proof plexi vials
* accurate to 0,5 mm/m
* electronically tested
* the measuring surface is equipped with two magnets
* dimension 1000 mm with four magnets

Code	L		
610725	400	270	10
610726	500	340	10
610727	600	380	10
610728	800	510	10
610729	1000	600	10

1270 MASON`S STAFF

* special aluminium profile
* with two vials

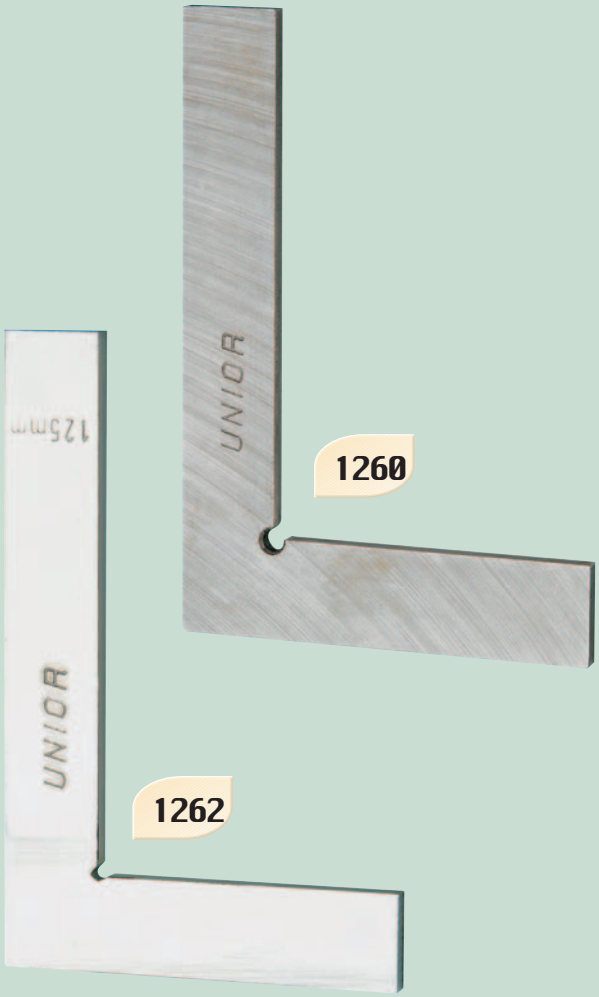
Code	BxAxC		
610745	2000x100x18	1800	10
610746	2500x100x18	2300	10
610747	3000x100x18	2700	10
610748	4000x100x18	3600	10

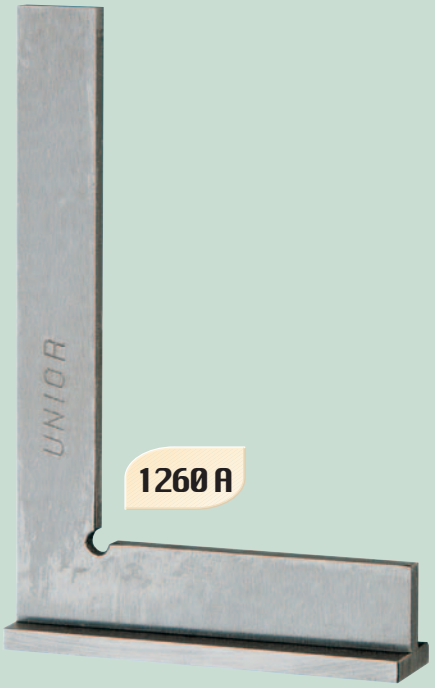
1272 MASON`S PROFILES

* special aluminium profile
* with two handle and two vials
* the hand holds are protected with plastic inserts

Code	BxAxC		
610751	1000x100x18	900	10
610752	1500x100x18	1350	10
610753	2000x100x18	1800	10
610754	2500x100x18	2300	10
610755	3000x100x18	2700	10
610756	4000x100x18	3600	10

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.





1260 TRY SQUARES

* material: constructional steel
* measuring faces are finely ground
* preciness to class II- DIN Standards 875

Code	BxAxC		
610730	125x85x5	180	10
610731	150x100x5	210	10
610732	200x130x5	390	10
610733	250x165x5	490	10
610734	300x200x5	560	10

1260 A TRY SQUARES WITH BACK

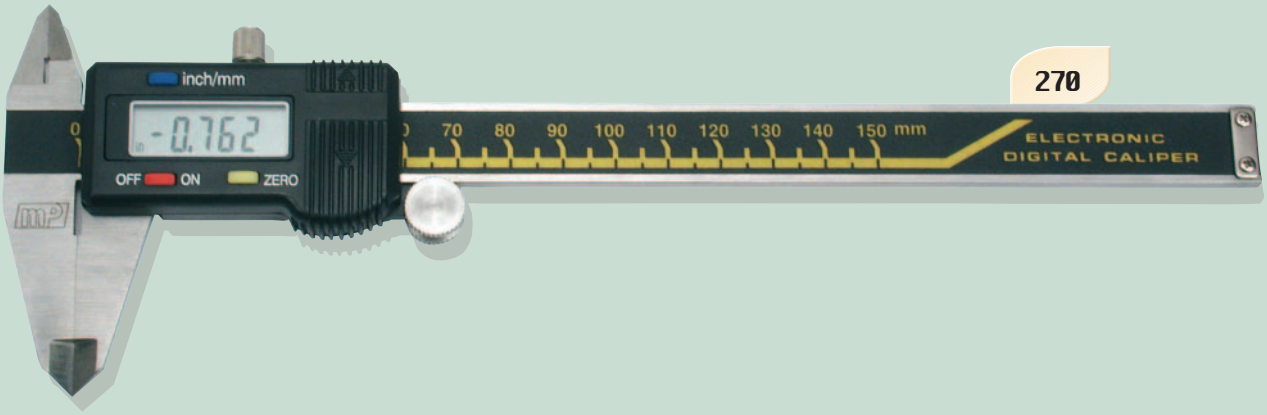
* material: constructional steel
* measuring faces are finely ground
* preciness to class II- DIN Standards 875
* back are screved on the short leg

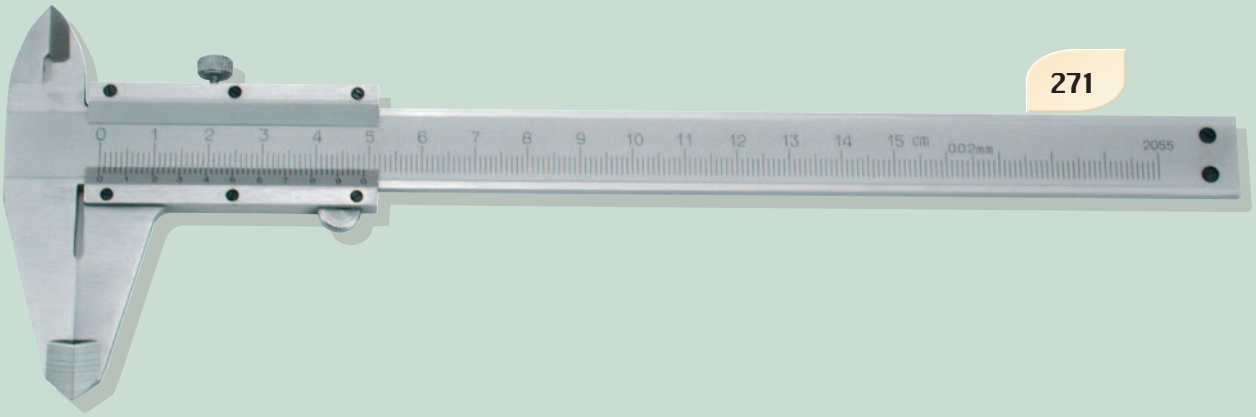
Code	BxAxC		
610735	125x85x5	180	10
610736	150x100x5	210	10
610737	200x130x5	390	10
610738	250x165x5	490	10
610739	300x200x5	560	10

1262 MASON`S SQUARES

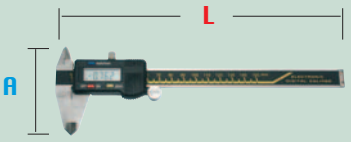
* material: constructional steel
* surface finish: zinc plated
* measuring sensitiveness +/- 0.5 mm

Code	BxAxC		
610740	125x85x5	180	10
610741	150x100x5	210	10
610742	200x130x5	390	10
610743	250x160x5	490	10
610744	300x175x5	560	10





270 DIGITAL VERNIER



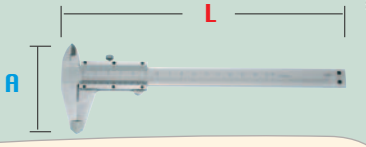
Code	Range mm	A	L		
612034	0 -150	40	235	150	1

Measuring range	Accuracy
"0-150mm/0-6""""	"0,02mm/0,001"" (< 100mm)"

"RESOLUTION: 0,01mm/0,0005""""
MAX. MEASURING SPEED: 1,5m/sec

FUNCTION:
Measurements of internal dimensions
Measurements of external dimension
Measurements of deepth
Measurements of steps

271 VERNIER



Code	Range mm	A	L		
612035	0 -150	40	235	135	1

Measuring range	Accuracy
"0-150mm/0-6""""	"0,02mm/0,001"" (< 100mm)"

"RESOLUTION: 0,01mm/0,0005""""

FUNCTION:
Measurements of internal dimensions
Measurements of external dimension
Measurements of deepth
Measurements of steps

TOOL STORAGE PRODUCTS

POWER IN YOUR HAND

FEATURES OF UNIOR TOOL STORAGE PRODUCTS

231	tool carriage "eurostyle"	940 E1
231	tool carriage "eurostyle"	940 E3
231	tool carriage "eurostyle"	940 E4
231	tool carriage "eurostyle"	940 E6
232	tool carriage "eurostyle"	940 E11
232	tool carriage "eurostyle"	940 E13
232	tool carriage "eurostyle"	940 E14
232	tool carriage "eurostyle"	940 E16
233	tool carriage	940/2
233	tool carriage	940/3
233	tool carriage "eurostyle"	940 E4/1L
234	tool carriage "eurostyle"	940 E9
234	tool carriage "HERCULES"	940 H
235	basket	940ES1
235	document holder	940ES5
235	finishing plate	940ES6
235	holder for bottles	940ES7
235	sheet metal basket	940ES2
236	ABS plate	940ES8
236	paper holder	940ES4
236	partitions	940ES3
236	tool tray for combination wrenches	983/2
236	tool tray for offset ring wrenches	983/3
236	tool tray for offset ring wrenches	983/4
236	tool tray for open end wrenches	983/1
236	wooden plate	940ES9
237	tool tray for crimping pliers and terminals	983/12
237	tool tray for hammers	983/10
237	tool tray for lock ring pliers	983/8
237	tool tray for pliers	983/6
237	tool tray for pliers	983/7
237	tool tray for screwdrivers	983/9
237	tool tray for socket set 1/2" and 1/4"	983/11
237	tool tray for socket wrenches 1/4"	983/5
238	tool tray for files	983/19
238	tool tray for impact socket 1/2"	983/20
238	tool tray for offset socket wrench	983/17
238	tool tray for saw,knife and measuring tape	983/21
238	tool tray for screwdriver with T handle	983/13
238	tool tray for socket 1/2"	983/18
238	tool tray for socket with internal and external TX profile	983/15
238	tool tray for swivel end socket wrench	983/16
238	tool tray for VDE tools	983/14
239	tool carriage "euromaster"	940 M1
239	tool carriage "euromaster"	940 M2
239	tool carriage "euromaster"	940 M3
240	cabinet for work bench	946 C
240	cabinet with roller shutterfor work bench	946 CR
240	work bench	946A
240	work bench with cabinet	946 AC
240	work bench with cabinet with roller shutter	946 ACR
241	cabinet for documents	947
241	set of partitions for 947	947 S3
241	work bench with four wheels	940/6A
241	work bench	940/6
242	tool cabinet	948 E1
242	tool cabinet	948 E2
242	tool cabinet	948 E3
243	aditional shelf for 949.1/3	949.3/3
243	tool cabinet	949.1/3
243	tool cabinet	949.2/3
243	tool cabinet	949/3
244	tool chest - 3 compartments	938/3E
244	tool chest - 3 compartments	939/3E
244	tool chest - 5 compartments	938/5E
244	tool chest - 5 compartments	939/5E
245	tool box - 1 compartments	911/1
245	tool box - 1 compartments	912/1
245	tool box - 3 compartments	911/3
245	tool box - 3 compartments	912/3
245	tool box - 5 compartments	911/5
245	tool box - 5 compartments	912/5
246	tool box - 3 compartments	914/3
246	tool box - 3 compartments	915/3
246	tool box - 5 compartments	914/5
246	tool box - 5 compartments	915/5
247	support	918
247	tool box step	916
247	tool box with support	912 S
247	tool box with support	916 S
248	instalateur tool box	960/6
248	mobile desk	994
248	tool box	960/1,2,3,4
249	display panel	996/1,2,3,
249	hooks	997.1
249	merchandiser	995
250	aditional merchandiser	995C1
250	merchandiser	995C
250	rack for screwdriver	995CP1
250	rack for socket 1/2" and 1/4"	995CP2
250	support for rack	995CH
251	tool case, black	970 U1
251	tool case, blue	970 U2
251	tool case, blue with lock	970 U3
252	display panel	997
252	post box	913/01
252	post box	913/02
252	post box	913/03
252	accessories for display panel	997.2
253	metal stand for combination wrenches - long type	977/2
253	metal stand for combination wrenches - short typ	977/3
253	metal stand for offset ring wrenches	977/4
253	metal stand for open end wrenches	977/1
254	displaystand for electronic screwdriver	978 E
254	displaystand for screwdriver BI and LSI	978 BI,CR
254	displaystand for screwdriver VDE	978 VDE
254	metal stand for socket 1/2"	980 A
254	metal stand for socket 1/2"	980 B
254	metal stand for socket 1/4"	980 D
254	metal stand for socket 3/8"	980 C
255	plastic hanger for tools	

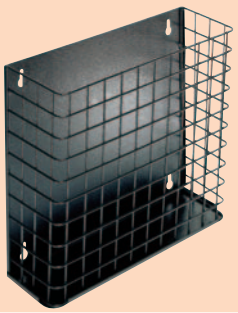
TOOL STORAGE PRODUCTS

P O W E R I N Y O U R H A N D

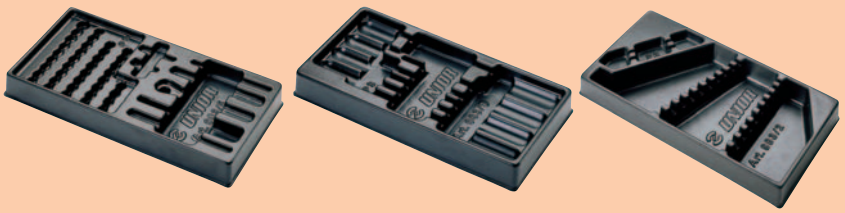
FEATURES OF UNIOR TOOL STORAGE PRODUCTS

EUROSTYLE AND EUROMASTER- the new lines of Unior tool carriages

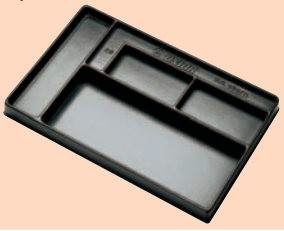
* DRAWERS WITH BALL BEARING SLIDES * INCREASED DRAWER VOLUME
* CAN BE COMBINED WITH A CHOICE OF 9 DIFFERENT STORAGE ACCESSORIES
* MODEL 940E11, 940E13, 940E14, 940E16 WITH BLOCKING SYSTEM



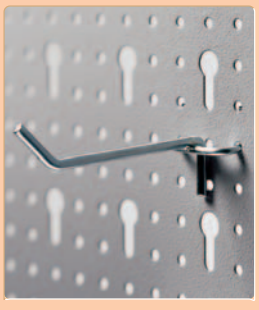
* CAN BE COMBINED WITH A CHOICE OF 13 DIFFERENT TOOL STORAGE TRAYS SUPPLIED EMPTY OR WITH TOOLS.



TRAYS ARE ALSO AVAILABLE FOR 1/2" OR 1/4" SETS OF SOCKET



* THE COATING OF TOOL STORAGE PRODUCTS IS ENVIRONMENTALLY FRIENDLY AS IT DOES NOT CONTAIN LEAD OR CADMIUM
* A NEW DESIGN OF HANGING HOLE ON 997 AND PERFORATED BOARDS IN TOOL CABINETS AND DISPLAY PANELS

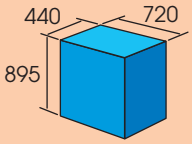


ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

* locking system * 4 wheels, one wheel with brake * drawers with ball-bearing slides * the plastic covering protects drawers and tools from damage * possibility to add storage accessories and tool tray * lacquered with cadmium and lead free colour

* static load capacity of carriage: 1000 kg * capacity of small drawers: 25 kg * capacity of large drawers: 40 kg

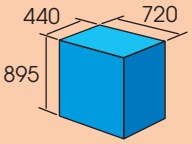
940E1 TOOL CARRIAGE "EUROSTYLE"



* 4 drawers (3 dim. 585 x 405 x 75 mm and one 585 x 405 x 155 mm)
* 1 lifting door with locking system

Code		
608542	43 500	1

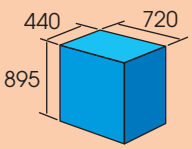
940E3 TOOL CARRIAGE "EUROSTYLE"



* 6 drawers (3 dim. 585 x 405 x 75 mm and 3 dim. 585 x 405 x 155 mm)

Code		
608544	52 000	1

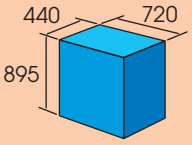
940E4 TOOL CARRIAGE "EUROSTYLE"



* 7 drawers (5 dim. 585 x 405 x 75 mm and 2 dim. 585 x 405 x 155 mm)

Code		
608545	52 000	1

940E6 TOOL CARRIAGE "EUROSTYLE"



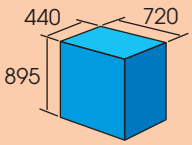
* 8 drawers (7 dim. 585 x 405 x 75 mm and one 585 x 405 x 155 mm)

Code		
608547	52 000	1

* locking system * 4 wheels, one wheel with brake * drawers with ball-bearing slides * the plastic covering protects drawers and tools from damage * possibility to add storage accessories and tool tray * lacquered with cadmium and lead free colour

* static load capacity of carriage: 1000 kg * capacity of small drawers: 25 kg *capacity of large drawers: 40 kg

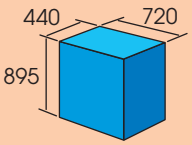
940E11 TOOL CARRIAGE EUROSTYLE



* with blocking system
* only one drawer can be opened at once
* all other characteristics are the same as 940 E1

Code		
611758	43 500	1

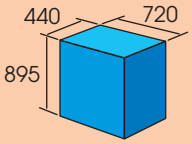
940E13 TOOL CARRIAGE EUROSTYLE



* with blocking system
* only one drawer can be opened at once
* all other characteristics are the same as 940 E3

Code		
611759	52 000	1

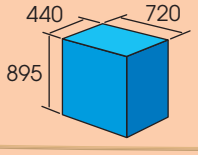
940E14 TOOL CARRIAGE EUROSTYLE



* with blocking system
* only one drawer can be opened at once
* all other characteristics are the same as 940 E4

Code		
611760	52 000	1

940E16 TOOL CARRIAGE EUROSTYLE



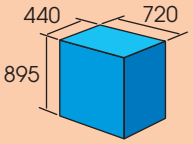
* with blocking system
* only one drawer can be opened at once
* all other characteristics are the same as 940 E6

Code		
611761	52 000	1

* locking system * 4 wheels, one wheel with brake * drawers with ball-bearing slides * the plastic covering protects drawers and tools from damage * possibility to add storage accessories and tool tray * lacquered with cadmium and lead free colour

940E4/1L TOOL CARRIAGE EUROSTYLE

* left and right side are perforated
* included 10 hooks dim. 50mm
* ABS tray on the top of the carriage
* model with 6 drawers (two dim. 685x405x155, five dim.585x405x75)
* 4 wheels dim 100 mm (one rotating with brake, one rotating without brake and two fixed)
* the plastic covering protects drawers and tools from damage



Code		
612138	52 000	1

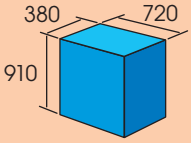
- static load capacity of carriage: 1000 kg
- capacity of small drawers: 25 kg
- capacity of large drawers: 40 kg

Spare parts for:

940E1, 940E3, 940E4, 940E6, 940E11, 940E13, 940E14, 940E16, 940E4/1L

Code	Article	Name	Lenght x width x height
610171	R1	Handle	
610159	D3	Drawer	585x405x75
610160	D4	Drawer	585x405x155
610165	K1	Keys	
610233	K1	Keys - set only for 940E1and 940E11	
610177	T2	Plastic covering for top	
610180	T5	Plastic covering for drawers	
610181	V1	Ball-bearing slide (2 PCS)	
610183	W1	Flexible wheels, with brake	Ø100mm
610184	W2	Flexible wheels, without brake	NØ100mm
610185	W3	Fixed wheels	NØ100mm
610191	W20	Set of wheels - 4 PCS	NØ100mm

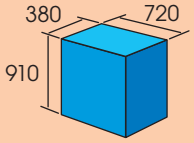
940/2 TOOL CARRIAGE



Code		
607054	41000	1

* room for storage of larger tools * ball bearing drawer runners
* 4 drawers accessible from either side
* independent sliding doors on either side

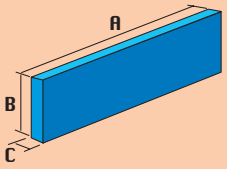
940/3 TOOL CARRIAGE



Code		
607135	37000	1

* room for storage of larger tools * ball bearing drawer runners
* 3 drawers accessible from either side
* independent sliding doors on either side

* locking system * 4 wheels, one wheel with brake * drawers with ball-bearing slides * the plastic covering protects drawers and tools from damage * possibility to add storage accessories and tool tray * lacquered with cadmium and lead free colour



940 HS3 PARTITIONS SET

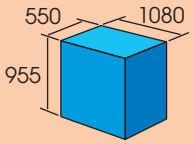
Code	AxBxC		
610932	339x65x0,8	180	1

* set 3 pcs * from sheet metal

940 H TOOL CARRIAGE "HERCULES"

7 front drawers dim. 595x408 mm (5 height 78 mm and 2 height 159 mm)
7 side drawers dim. 425x367 mm (5 height 78 mm and 2 height 159 mm)

* locking system (2 security locks)
* 4 wheels, two with brake
* drawers with ball-bearing slides
* lacquered with cadmium and lead free colour
* wooden worktop



Code		
609808	122000	1

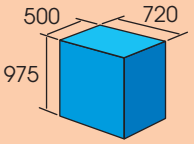
Spare parts for 940H

Code	Article	Name	Lenght x width x height
610174	R4	Handle	
612581	D9	Drawer	595x405x75
612582	D10	Drawer	595x405x155
610161	D5	Drawer	425x367x75
610162	D6	Drawer	425x367x155
610168	K4	Keys	
610180	T5	Plastic covering for drawers	
610181	V1	Ball-bearing slide (2 PCS)	
610182	V2	Ball-bearing slide – short (2 PCS)	
610190	W8	Flexible wheels, with brake	NØ125mm
610189	W7	Fixed wheels	NØ160mm
610195	W24	Set of wheels - 4 PCS (N125mm-2pcs, N160mm- 2 pcs)	

- static load capacity of carriage: 1500 kg
- capacity of small drawers: 25 kg
- capacity of large drawers: 40 kg

940E9 TOOL CARRIAGE EUROSTYLE

* model with 8 drawers (two dim. 585x405x155, six dim. 585x405x75)
* 2 wheels dim 100 mm (one rotating with brake, one rotating without brake) and two fixed dim. 150 mm



Code		
611757	59000	1

Spare parts for 940E9

Code	Article	Name	Lenght x width x height
610171	R1	Handle	
610159	D3	Drawer	585x405x75
610160	D4	Drawer	585x405x155
610165	K1	Keys	
610177	T2	Plastic covering for top	
610180	T5	Plastic covering for drawers	
610181	V1	Ball-bearing slide (2 PCS)	
610183	W1	Flexible wheels, with brake	NØ100mm
610184	W2	Flexible wheels, without brake	NØ100mm
610188	W6	Fixed wheels	NØ150mm
610192	W20	Set of wheels - 4 PCS (N100mm-2pcs, N150mm- 2 pcs)	

- static load capacity of carriage: 1000 kg
- capacity of small drawers: 25 kg
- capacity of large drawers: 40 kg

On the upper mounting holes one of the following accessories can be fitted:- 940 ES5 (Document holder), 940 ES7 (Bottle holder), 940 ES6 (Finishing plate) and 940 ES4 (Paper roll holder)

* made from sheet metal
* possibility to fit with tool carriage Eurostyle

On the lower mounting holes one of the following accessories can be fitted:- art. 940 ES1 (basket), 940 ES2 (sheet metal basket)

940ES6 FINISHING PLATE

* from sheet metal

Code		
608970	1 295	1

* dim.: 350 x 200 x 150

940ES5 DOCUMENT HOLDER

Code		
608969	1180	1

* dim.: 330 x 60 x 300

940ES1 BASKET

Code		
608923	2 225	1

* dim.: 350 x 120 x 300

940ES2 SHEET METAL BASKET

Code		
608924	2564	1

* dim.: 350 x 120 x 300

940ES7 HOLDER FOR BOTTLES

Code		
608971	894	1

* dim.: 350 x 100 x 70

940ES3 PARTITIONS

* set 4 pcs
* made from sheet metal

Code		
608925	709	1

940ES4 PAPER HOLDER

* from metal, delivery without hand towels

Code		
608968	50	1

940ES9 WOODEN PLATE

Code		
608973	7 000	1

* dim.: 690 x 430 x 16

* EMPTY TOOL TRAY FOR TOOL CARRIAGE "EUROSTYLE"- Art. 940 E, "EUROMASTER" - Art. 940 M, Working bench
* dim 194x374x40 except 983/11 dim 560x365x40, 983/18 dim 360x374x40
* material polystyrene

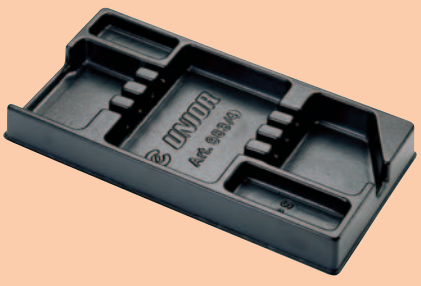
940ES8 ABS PLATE

Code		
608972	1 260	1

* dim.: 705 x 440 x 22

983/1 TOOL TRAY FOR OPEN END WRENCHES

Code		
608658	215	10



983/2 TOOL TRAY FOR COMBINATION WRENCHES

Code		
608663	215	10

983/3 TOOL TRAY FOR OFFSET RING WRENCHES

Code		
608660	215	10

983/4 TOOL TRAY FOR OFFSET RING WRENCHES

Code		
608661	215	10

* material: sheet metal
* with locking system
* lacquered with cadmium and lead free coating
* the plastic covering protects drawers and tools from damage

983/5 TOOL TRAY FOR SOCKET WRENCHES 1/4”

Code		
608662	215	10

983/6 TOOL TRAY FOR PLIERS

Code		
608659	215	10

983/7 TOOL TRAY FOR PLIERS

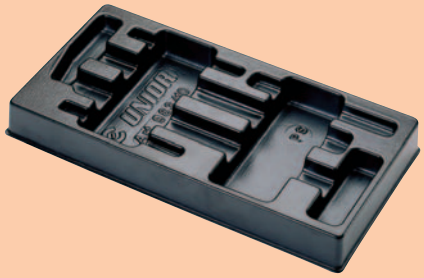
Code		
608664	215	10

983/8 TOOL TRAY FOR LOCK RING PLIERS

Code		
608665	215	10

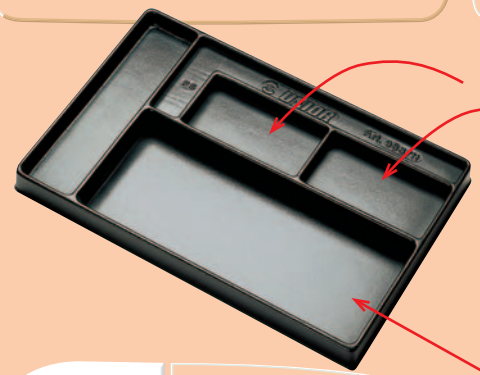
983/9 TOOL TRAY FOR SCREWDRIVERS

Code		
608666	215	10



983/10 TOOL TRAY FOR HAMMERS

Code		
608667	215	10



983/11 TOOL TRAY FOR SOCKET SET 1/2” AND 1/4”

* dim 560x365x40

Code		
608832	596	10

983/12 TOOL TRAY FOR CRIMPING PLIERS AND TERMINALS

Code		
609813	215	10

983/13 TOOL TRAY FOR SCREWDRIVERS WITH T HANDLE

Code		
610197	215	10

983/14 TOOL TRAY FOR VDE TOOLS

Code		
610200	215	10

983/15 TOOL TRAY FOR SOCKET WITH INTERNAL AND EXTERNAL TX PROFILE

Code		
610202	215	10

983/16 TOOL TRAY FOR SWIVEL END SOCKET WRENCH

Code		
611954	216	10

983/17 TOOL TRAY FOR OFFSET DOUBLE ENDED SOCKET WRENCH

Code		
611955	216	10

983/18 TOOL TRAY FOR SOCKET 1/2"

Code		
611956	430	10

983/19 TOOL TRAY FOR FILES

Code		
611938	216	10

983/20 TOOL TRAY FOR IMPACT SOCKET 1/2"

Code		
612577	216	10

983/21 TOOL TRAY FOR SAW, KNIFE AND MEASURING TAPE

Code		
612578	216	10

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

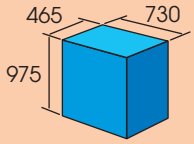
* locking system * 4 wheels, one wheel with brake * drawers with ball-bearing slides * the plastic covering protects drawers and tools from damage * possibility to add storage accessories and tool tray * lacquered with cadmium and lead free colour

940 M1

940 M2

940 M3

940 M1 TOOL CARRIAGE EUROMASTER

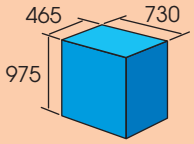


code		
612218	58000	1

* 4 wheels dim 100 mm
(one rotating with brake, one rotating without brake and two fixed)
* model with 6 drawers (one dim. 585x405x155, fife dim.585x405x75)

- Static load capacity: 800 kg.
- Load capacity on each part of closed cover: 80 kg. (on opened – 32 kg).
- Load capacity of small drawer: 25 kg.
- Load capacity of bigger drawer: 40 kg.

940 M2 TOOL CARRIAGE EUROMASTER

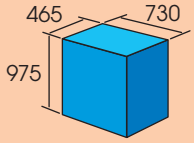


code		
612324	40000	1

* 4 wheels dim 100 mm
(one rotating with brake, one rotating without brake and two fixed)
* model with 3 drawers (one dim. 585x405x155, two dim.585x405x75)

- Static load capacity: 800 kg.
- Load capacity on each part of closed cover: 80 kg. (on opened – 32 kg).
- Load capacity of small drawer: 25 kg.
- Load capacity of bigger drawer: 40 kg.

940 M3 TOOL CARRIAGE EUROMASTER



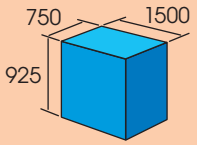
code		
612219	35000	1

* 4 wheels dim 100 mm
(one rotating with brake, one rotating without brake and two fixed)
* model with one shelf

- Static load capacity: 800 kg.
- Load capacity on each part of closed cover: 80 kg. (on opened – 32 kg).
- Load capacity of small drawer: 25 kg.
- Load capacity of bigger drawer: 40 kg.

946 A

946A WORK BENCH

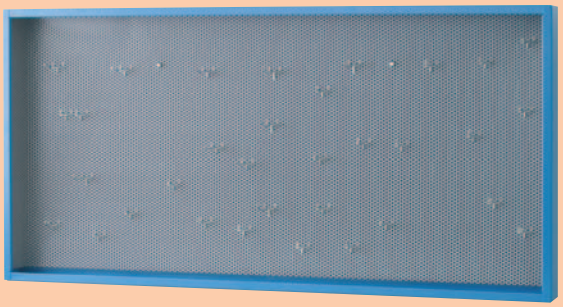


code		
612328	116000	1

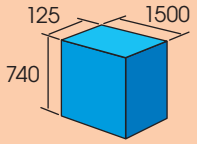
* material: sheet metal
* wooden top
* with locking system
* lacquered with cadmium and lead free coating
* model with 5 drawers (two dim. 585x615x155, 3 dim. 585x615x75)
* the plastic covering protects drawers and tools from damage

- Static load capacity: 2300 kg
- Load capacity of small drawer: 30 kg
- Load capacity of bigger drawer: 42 kg

946C
946CR



946C 946CR CABINET FOR WORK BENCH
CABINET WITH ROLLER SHUTTER FOR WORK BENCH

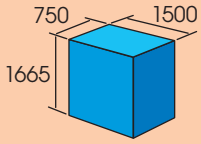


code	Art.		
612329	946 C	20000	1
612330	946 CR	30000	1

* material: sheet metal
* model CR with roller shutter and with locking system
* lacquered with cadmium and lead free coating
* without hooks

946AC
946ACR

946AC 946ACR WORK BENCH WITH CABINET
WORK BENCH WITH CABINET WITH ROLLER SHUTTER

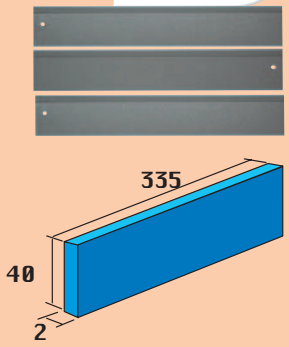


code	Art.		
612220	946 AC	136000	1
612331	946 ACR	146000	1

are combination of work bench and cabinet (article 946 ACR cabinet with roller shutter)

- Static load capacity: 2300 kg
- Load capacity of small drawer: 30 kg
- Load capacity of bigger drawer: 42 kg

947S3

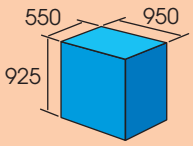


947

940/6

940/6A

940/6 WORK BENCH

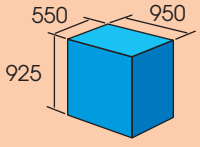


Code		
608395	75000	1

* wooden work plate
* art. 940/6 with two metal legs and 2 wheels
* specification with 7 drawers (6 height 70 mm, one height 180 mm)

- Static load capacity: 1200 kg
- Load capacity of small drawer: 20 kg
- Load capacity of bigger drawer: 32 kg

940/6A WORK BENCH with four wheels



Code		
608392	75000	1

* wooden work plate
* with 4 wheels
* specification with 7 drawers (6 height 70 mm, one height 180 mm)

947 CABINET FOR DOCUMENTS

Code		
610954	156000	1

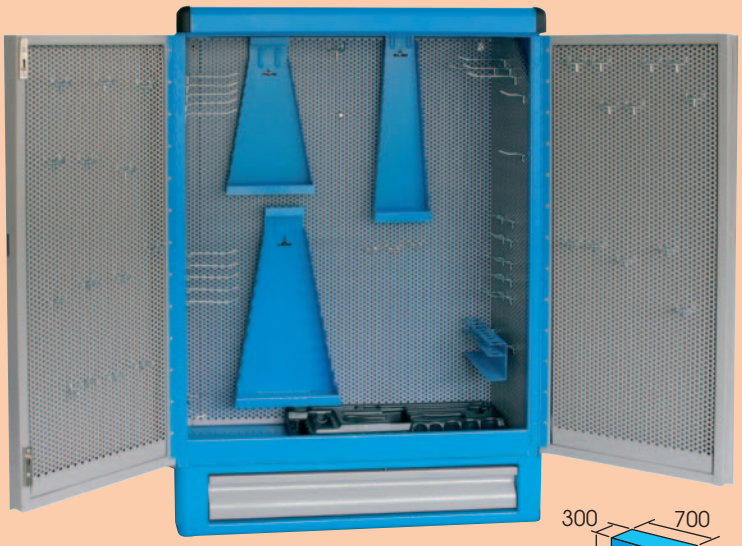
23 drawers dim. 920x363x42

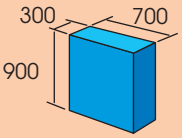
* drawers with ball-bearing slides
* lacquered with cadmium and lead free colour
* wooden worktop

947S3 SET OF PARTITIONS FOR 947

Code	AxBxC		
611961	355x40x0,8	427	1

* manufactured from steel sheet
* the interior of the cabinet is fitted with perforated steel plate
* locking system
* lacquered with cadmium and lead free colour
* new line of tool cabinet with plastic angle

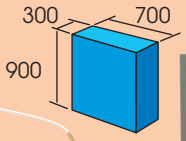




948E1 TOOL CABINET

* drawers with ball-bearing slides
* with 1 drawers, dimension 575x285x75 mm
* accessories: **hooks** (35 pcs dim. 35 mm, 10 pcs dim. 50 mm, 20 pcs dim. 100 mm), **with metal stands for wrenches** - 3 pcs, **chisels** - 1 pcs

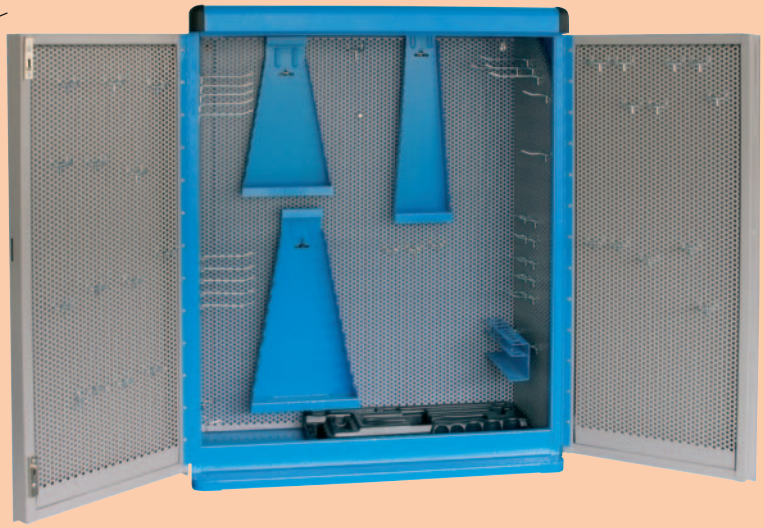
Code			
612215	empty	27500	1
612583	with accessories	27500	1

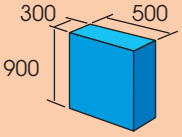


948E2 TOOL CABINET

* drawers with ball-bearing slides
* with 1 drawers, dimension 575x285x75 mm
* accessories: **hooks** (35 pcs dim. 35 mm, 10 pcs dim. 50 mm, 20 pcs dim. 100 mm), **with metal stands for wrenches** - 3 pcs, **chisels** - 1 pcs

Code			
612216	empty	26000	1
612584	with accessories	26000	1



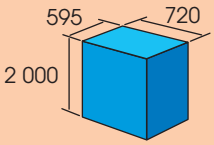


948E3 TOOL CABINET

* accessories: **hooks** (20 pcs dim. 35 mm, 5 pcs dim. 50 mm, 10 pcs dim. 100 mm), **with metal stands for wrenches** - 1 pcs, **chisels** - 1 pcs

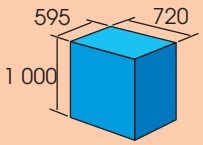
Code			
612217	empty	17000	1
612585	with accessories	17000	1

949/3 TOOL CABINET

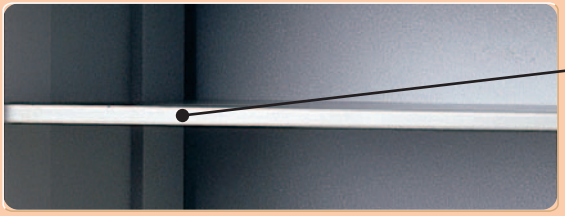


Code		
608393	129000	1

949.1/3 TOOL CABINET
- with shelf
- is part of 949/3



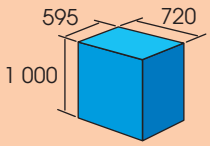
Code		
609236	47000	1



949.3/3 ADDITIONAL SHELF 949.1/3

Code	AxBxC		
611992	673x575x20	450	1

949.2/3 TOOL CABINET
- with drawers
- is part of 949/3



Code		
609237	82000	1

- new line of tool chest with plastic angle
- material: sheet metal
- drawers with ball-bearing slides
- cover with lock, when the cover is closed the drawers will be locked
- lacquered with cadmium and lead free coating

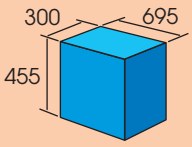
939/5E

939/3E

938/3E

938/5E

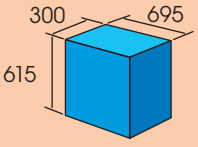
938/3E TOOL CHEST – 3 COMPARTMENTS



code		
612496	18500	1

* with 3 drawers, dimension 595x285x75 mm

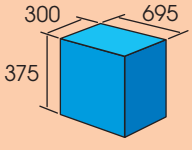
938/5E TOOL CHEST – 5 COMPARTMENTS



code		
612497	26500	1

* with 5 drawers, dimension 595x285x75 mm

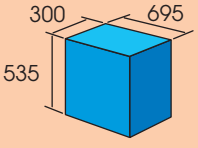
939/3E TOOL CHEST – 3 COMPARTMENTS



code		
611783	17000	1

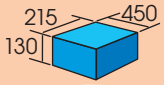
* with 3 drawers, two dim. 595x285x75 mm, one dim. 595x285x150 mm

939/5E TOOL CHEST – 5 COMPARTMENTS



code		
611784	25000	1

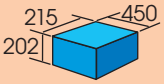
* with 5 drawers, four dimension 595x285x75 mm, one dim. 595x285x180 mm



911/1 TOOL BOX – 1 COMPARTMENTS

Code		
601907	2000	1

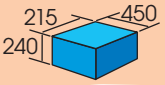
* short type with one handle



911/3 TOOL BOX – 3 COMPARTMENTS

Code		
601908	3200	1

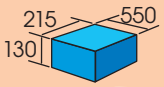
* short type with one handle



911/5 TOOL BOX – 5 COMPARTMENTS

Code		
601909	4000	1

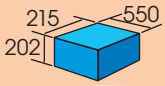
* short type with one handle



912/1 TOOL BOX – 1 COMPARTMENTS

Code		
601910	2420	1

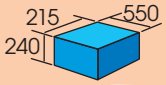
* long type with one handle



912/3 TOOL BOX – 3 COMPARTMENTS

Code		
601911	4200	1

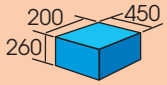
* long type with one handle



912/5 TOOL BOX – 5 COMPARTMENTS

Code		
601912	5000	1

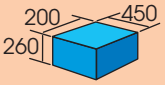
* long type with one handle



914/3 TOOL BOX – 3 COMPARTMENTS

Code		
608538	4075	1

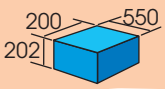
* short type with two handles



914/5 TOOL BOX – 5 COMPARTMENTS

Code		
601985	4850	1

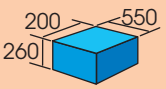
* short type with two handles



915/3 TOOL BOX – 3 COMPARTMENTS

Code		
608539	4775	1

* long type with two handles

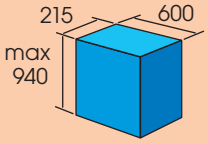


915/5 TOOL BOX – 5 COMPARTMENTS

Code		
607137	5685	1

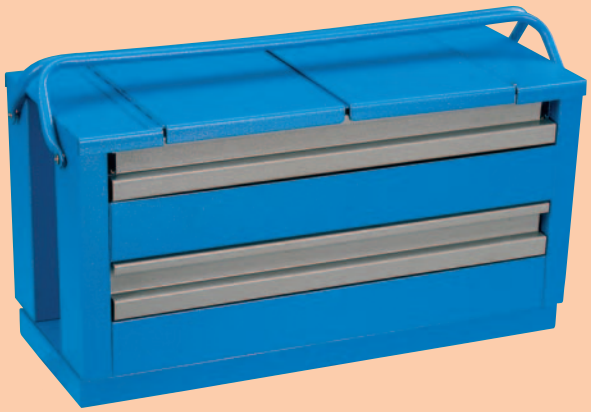
* long type with two handles

912S TOOL BOX 5 - COMPARTMENTS WITH SUPPORT

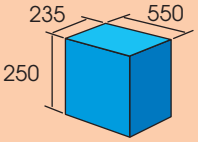


Code		
608208	10400	1

* tool box 912/5 with support



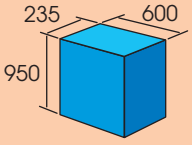
916 TOOL BOX STEP



Code		
607947	11700	1

* can be placed on tool carriage 940
* top and bottom compartments
* two fully sliding drawers
* the lid can be opened out to form two working platforms

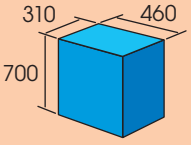
916 S TOOL BOX WITH SUPPORT



Code		
608207	16900	1

* max height 700 mm

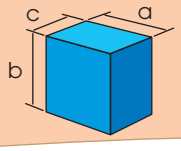
918 SUPPORT



Code		
607946	5200	1

* for transporting and lifting of tool boxes 916 and 912/5
* max lift 700 mm

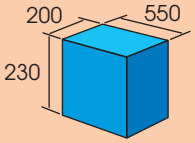
960/1,2,3,4 TOOL BOX



Code	Art.	a x b x c mm		
605896	960/1	700x380x310	18000	1
605897	960/2	840x420x335	23000	1
605898	960/3	910x530x430	31000	1
605899	960/4	1000x380x310	23000	1

* intended for transport and storage of tools, power tools and equipment, documentation in various climate conditions
* special interior * locking system

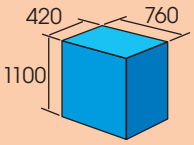
960/6 INSTALATEUR TOOL BOX



Code		
603673	5200	1

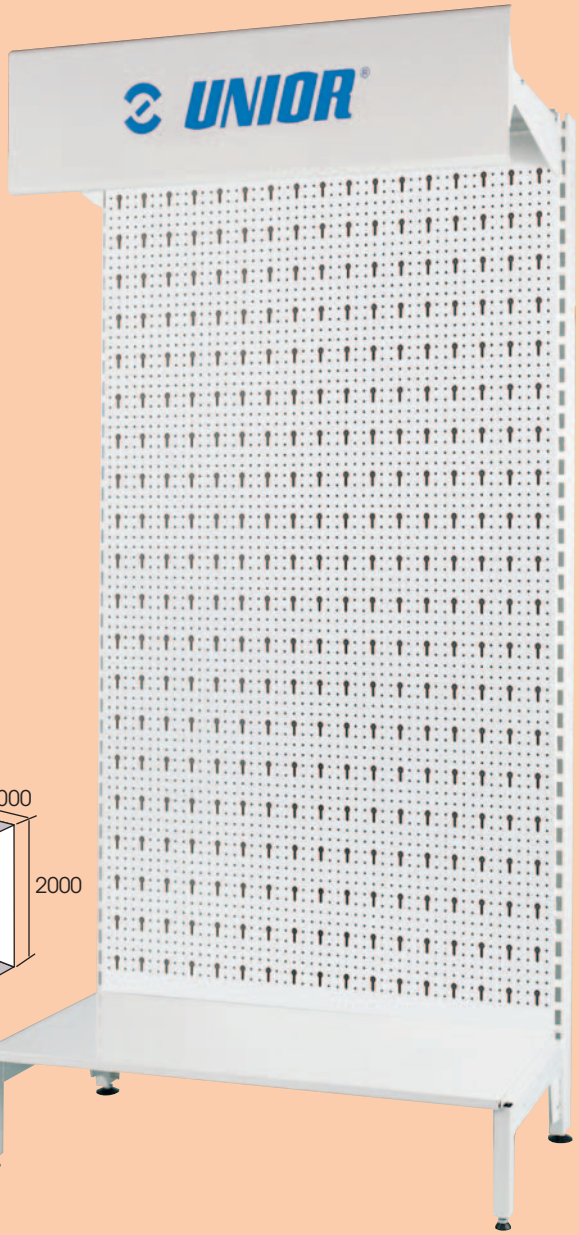
* with syntetic belt

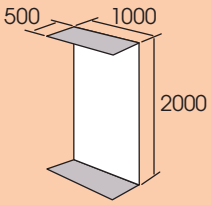
994 MOBILE DESK

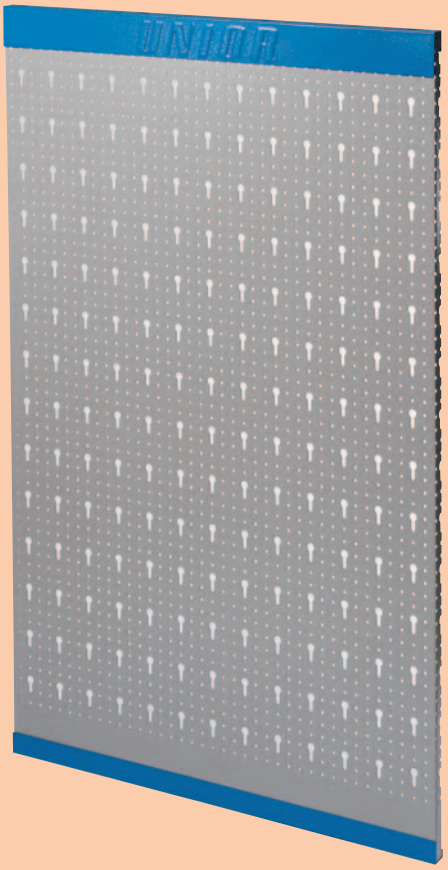


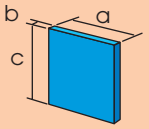
Code		
603490	33500	1

* two drawers * two mobile wheels with brake
* wooden working surface on top





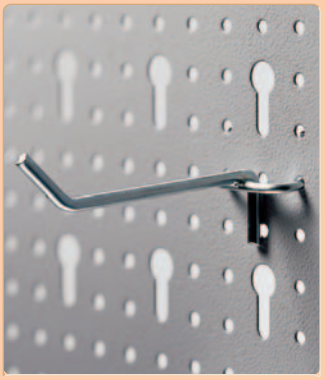




995 MERCHANDISER

Code		
605047	53000	1

* material: perforated steel-plate
* for modern show-rooms and sales areas
* any chosen assortment of tools can be effectively displayed
* one display can be joined to anoth



996/1,2,3 DISPLAY PANEL

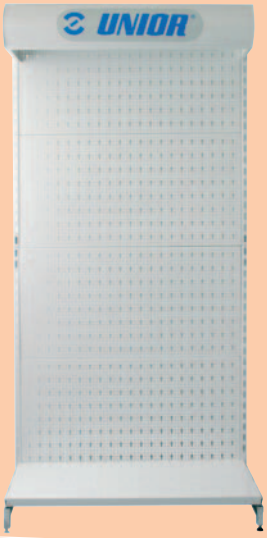
Code	Art.	a x b x c mm		
605118	996/1	592x22x1000	4610	1
605114	996/2	888x22x1000	7000	1
605119	996/3	1185x22x1000	9150	1

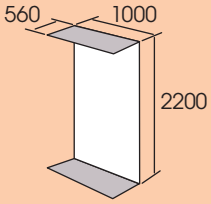
* material: perforated steel-plate
* intended for hanging various hand tools on hangers of convenient type
* it is possible to fix the hangers permanently
* easy location of tools
* possibility of combining tool panels of different sizes

997.1 HOOKS

Code	L		
609478	35	12	10
609479	50	13	10
609480	80	15	10
609447	100	18	10
610559	150	28	10
610560	200	38	10

* for display boards, display panel and tool cabinets
* it is possible to fix the hangers in a required position
* chrome plated

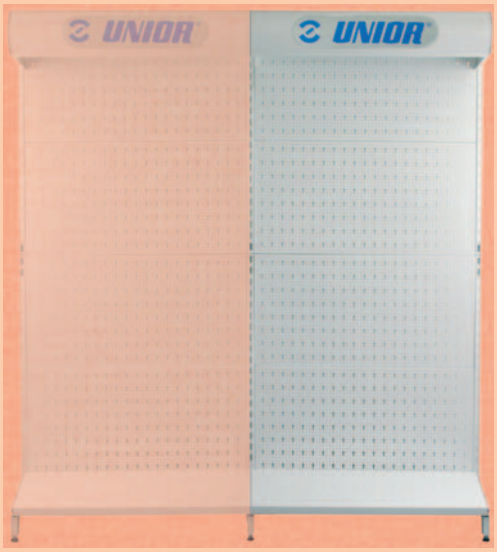


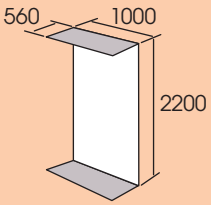


995C MERCHANDISER

Code		
611995	38200	1

* material: sheet metal
* lacquered with cadmium and lead free coating
* without hooks

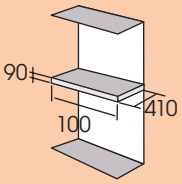


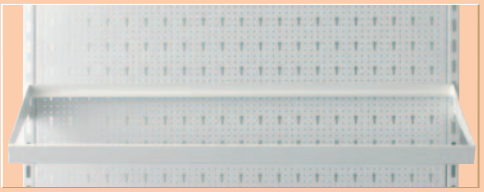


995C1 ADITIONAL MERCHANDISER

Code		
612333	31800	1

* to add to a merchandiser 995C, when more than one unit is required
* supplied with only one support leg

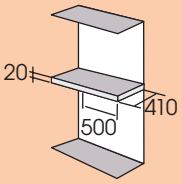




995CH SUPPORT FOR RACK

Code		
612332	2200	1

* material: sheet metal
* lacquered with cadmium and lead free coating
* for use with a merchandiser
* for rack 995 CP1 and 995 CP2



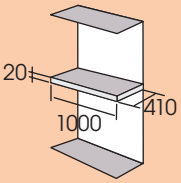
995CP1 RACK FOR SCREWDRIVER

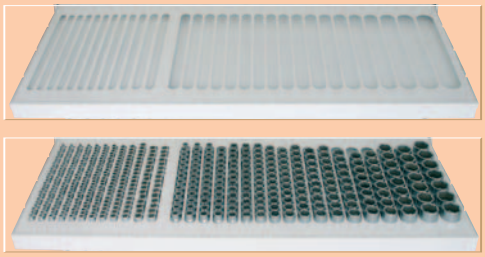
Code		
612213	2850	1

* material: sheet metal
* lacquered with cadmium and lead free coating
* used with support 995CH

Proposed contents of screwdriver:

605 BI,TBI,CR,NI	dim. 3,0x80 – 9 pcs, 4,0x100 – 9 pcs, 5,5x125 – 9 pcs, 6,5x125 – 9 pcs, 1,2x8,0x175 – 9 pcs
615 BI,TBI,CR,NI	dim. PH 0x60 – 9 pcs, PH 1x80 – 9 pcs, PH 2x100 – 9 pcs





995CP2 RACK FOR SOCKETS 1/2" AND 1/4"

Code		
612214	6500	1

* material: sheet metal
* lacquered with cadmium and lead free coating
* used with support 995CH

Proposed contents of sockets:

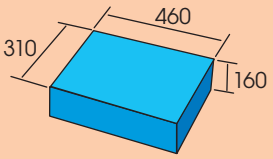
188 1/4"	dim. 4 – 25 pcs, 4.5 – 25 pcs, 5 – 25 pcs, 5.5 – 25 pcs, 6 – 25 pcs, 7 – 25 pcs, 8 – 25 pcs, 9 – 22 pcs, 10 – 20 pcs, 11 – 19 pcs, 12 – 17 pcs, 13 – 16 pcs
190 1/2"	dim. 10 – 13 pcs, 11 – 13 pcs, 12 – 13 pcs, 13 – 13 pcs, 14 – 13 pcs, 15 – 13 pcs, 16 – 13 pcs, 17 – 12 pcs, 18 – 11 pcs, 19 – 11 pcs, 20 – 10 pcs, 21 – 10 pcs, 22 – 9 pcs, 24 – 9 pcs, 27 – 8 pcs, 30 – 7 pcs, 32 – 7 pcs,

* with 3-D logo UNIOR
* suitable for several sets of tools
* material: ABS

the advantages of the new tool boxes:

* **CONTACT EDGE**
  Aluminium profile is banded on the cover.
* **ALUMINIUM FRAME**
  Torsion is hardened so, that cover in closed condition can not damage.
* **COVER HOLDER**
  Two metal holders are making the stability of the cover in open state.
* **BASE**
  Four base protected tool box before wear.
* **LOCK KEY**
  The lock keys are original
* **BARRIER**
  Lower part of tool boxes we could share with barriers which endurance a lot of load.

970 U1



970 U2

Characteristics:
* The partition walls are highly stable
* Highly load of housing
* Insulated before damage
* Highly qualitative material

HANDLE
* specific developed,
* ergonomically shaped,
* highly load capacity,
* handy

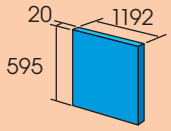
970 U3

970 U1	TOOL CASE, BLACK			
Code	Dim			
610381	460x310x160	4500	1	

970 U2	TOOL CASE, BLUE			
Code	Dim			
610382	460x310x160	4500	1	

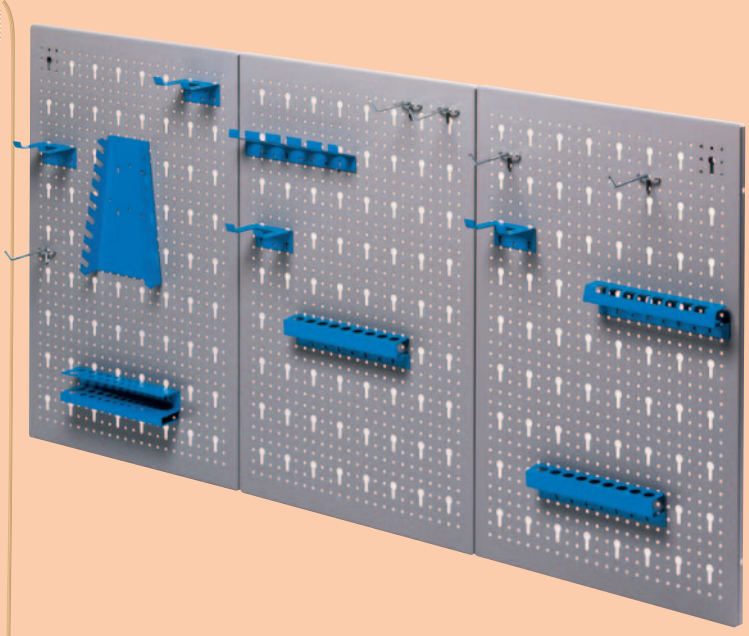
970 U3	TOOL CASE, BLUE, WITH LOCK			
Code	Dim			
610383	460x310x160	4500	1	

997 DISPLAY PANEL



Code		
607154	5600	1

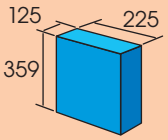
* material: perforated steel-plate
* intended for hanging various hand tools on hangers of convenient type
* it is possible to fix the hangers permanently
* easy location of tools
* possibility of combining tool panels of different sizes
* with set 997.2



Art. 997.2 ACCESSORIES FOR DISPLAY PANELS

Code	
610453	1

CONTENTS:	pcs
Metal stand for screwdrivers	2 pcs.
Metal stand for chisels	1 pc.
Metal hangers for hammers	4 pcs.
Metal hanger for wrenches	1pc.
Metal hanger for files	1 pc.
Metal hanger for drills	1 pcs
Hooks	5 pcs.



913 POST BOX

Code	Art.	color		
602636	913/01	red	2620	1
602637	913/02	gray	2620	1
602638	913/03	yellow	2620	1

977/1

977/2

977/3

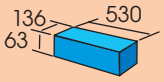
977/4

980/E

980/F

980/G

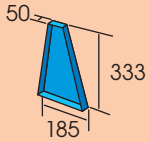
980/E METAL STAND FOR TIN SNIPS



code		
611898	420	1

* lacquered

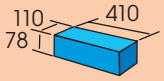
977/1 METAL STAND FOR OPEN END WRENCHES



code		
605160	420	1

* lacquered with cadmium and lead free colour

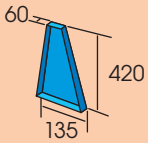
980/F METAL STAND FOR CHISELS AND PUNCHES



code		
612211	420	1

* lacquered

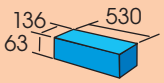
977/2 METAL STAND FOR COMBINATION WRENCHES – long type



code		
605161	590	1

* lacquered with cadmium and lead free colour

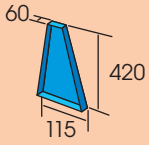
980/G METAL STAND FOR PUNCHES AND CHISELS



code		
612212	420	1

* lacquered

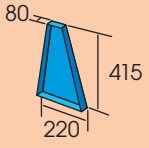
977/3 METAL STAND FOR COMBINATION WRENCHES – short type



code		
605162	790	1

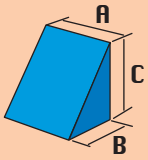
* lacquered with cadmium and lead free colour

977/4 METAL STAND FOR OFFSET RING WRENCHES

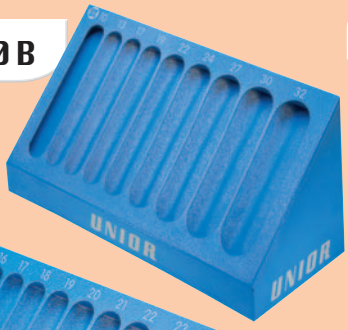


code		
605163	890	1

* lacquered with cadmium and lead free colour



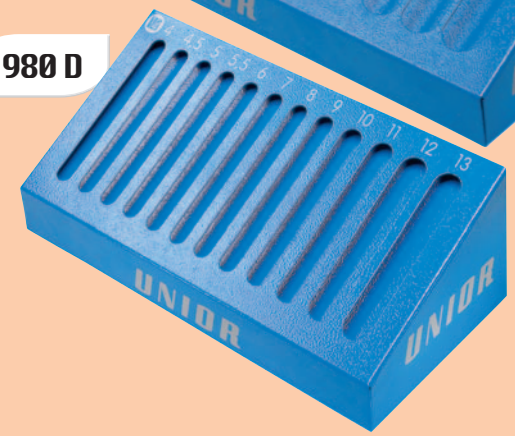
980 B



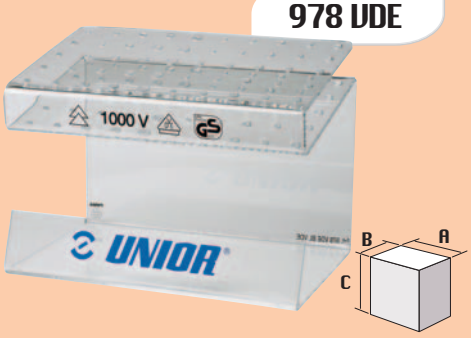
980 C

980 A

980 D



978 VDE



978 BI CR

978 E

980 A — METAL STAND FOR 1/2" SOCKET

*from sheet metal

Code	AxBxC		
610384	665x155x190	2152	1

980 B — SMALL METAL STAND FOR 1/2" SOCKET

*from sheet metal

Code	AxBxC		
610385	375x155x190	1372	1

980 C — METAL STAND FOR 3/8" SOCKET

*from sheet metal

Code	AxBxC		
610386	510x155x115	1522	1

978 BI CR — DISPLAY STAND FOR SCREWDRIVERS BI AND LSI

*material: acryl glass

Code	AxBxC		
609951	330x205x206	2094	1

978 VDE — DISPLAY STAND FOR SCREWDRIVERS VDE

*material: acryl glass

Code	AxBxC		
609952	330x205x240	2094	1

980 D — METAL STAND FOR 1/4" SOCKET

*from sheet metal

Code	AxBxC		
610387	325x155x115	1145	1

978 E — DISPLAY STAND FOR ELECTRONIC SCREWDRIVERS

*material: acryl glass

Code	AxBxC		
609950	230x135x1853	813	1

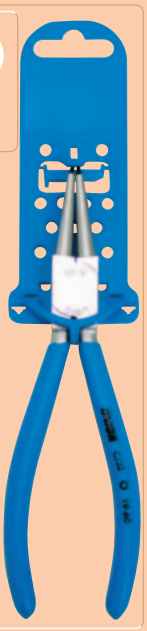
PLASTIC HANGERS FOR TOOLS

Hanger A
code 610696 100

Hanger B
code 610697 100

Hanger C
code 610698 100

Hanger D
code 610699 100



Hanger I1
code 610704 100

Hanger I2
code 610705 100

Hanger I3
code 610706 100

Hanger I4
code 610707 100

Hanger N 1/4”
code 610701 100

Hanger N 1/2”
code 610703 100

Hanger N 3/4”
code 610953 100

Hanger N 3/8”
code 610702 100

Hanger O 60
code 610708 100

Hanger O 80
code 610709 100

Hanger O 90
code 610710 100

Hanger O 100
code 610711 100

Hanger O 110
code 610712 100

Hanger O 120
code 610713 100

Hanger O 140
code 610714 100

Hanger O 180
code 610715 100

Hanger T
code 610700 100

TOOL SETS

P O W E R I N Y O U R H A N D

TOOL TRAYS WITH TOOLS FOR CARRIAGES: EUROSTYLE, EUROMASTER AND WORKING BENCH IMPROVE ACCESSIBILITY OF TOOL TRAYS WITH TOOLS FOR ACCESSIBILITY OF TOOLS AND GENERAL TIDINESS OF THE WORKPLACE

258	set of combinations wrenches in tool tray	965/2
258	set of combinations wrenches, long in tool tray	965/2A
258	set of offset ring wrenches in tool tray	965/3
258	set of open end wrenches in tool tray	965/1
259	set ibex combination wrench in tool tray	965/2B
259	set of BI pliers in tool tray	965/6
259	set of 1/4" socket wrenches with accessories in tool tray	965/5A
259	set of offset ring wrenches in tool tray	965/4
260	set of BI and grip pliers in tool tray	965/7
260	set of BI screwdrivers in tool tray	965/9
260	set of lock ring pliers in tool tray	965/8
260	set of lock ring pliers in tool tray	965/8A
261	set of hammer and punches in tool tray	965/10
261	set of ball-end hex.screw.-T handle in t.tray	965/13
261	set of hex.screw.-T handle in tool tray	965/13A
261	set of TBI screwdrivers in tool tray	965/9A
262	set of swivel end socket wr.in tool tray	965/17
262	set of screw.s.w.TX prof.in tool tray	965/16
262	set of screw.TX prof.-T handle in tool tray	965/14
262	set of VDE BI tools in tool tray	965/15A
263	set of files in tool tray	965/20B
263	set of offset socket wrench in tool tray	965/18A
263	set of offset socket wrench in tool tray	965/18B
263	set of 1/2" socket wrenches with accessories in tool tray	965/19
264	set of files in tool tray	965/20 1/2S
264	set of files in tool tray	965/20 S
264	tool set in tool tray	965/21
265	set of imact socket 1/2" in tool tray	965/23
265	tool set in tool tray	965/22
265	tool set in tool tray	965/24
266	tool set 170 pcs	1000 A
266	tool set 170 pcs with tool cabinet 948E1	948E1A
266	tool set 170 pcs with tool carriage 940E4	940 E4A
266	tool set 170 pcs with tool carriage 940E9	940 E9A
268	tool set 151 pcs	1000 AB
268	tool set 151 pcs with tool carriage 940E9	940E9AB
268	tool set 151 pcs with tool carriage 940M1	940M1AB
269	tool set 343 pcs	1000 AD
269	tool set 343 pcs in tool case 970U3	971/3 VDE
270	tool set 207 pcs	1000 B
270	tool set 207 pcs with tool carriage 940E9	940E9B
272	tool set 161 pcs	1000 C
272	tool set 161 pcs with tool cabinet 948E1	948E1C
272	tool set 161 pcs with tool carriage 940E9	940E9C
274	tool set 137 pcs with tool carriage 940E9	940 E9E
274	tool set 137 pcs	1000 E
274	tool set 137 pcs with tool carriage 940 E4	940 E4E
274	tool set 137 pcs with tool carriage 948E1	948 E1E
275	tool set 137 pcs with tool box 912/5	932
275	tool set 137 pcs with tool carriage 940/2	951 E
276	tool set 130 pcs	1000 F
276	tool set 130 pcs with tool carriage 940E4	940E4F
276	tool set 130 pcs with tool carriage 940E9	940E9F
276	tool set 130 pcs with tool chest 939/5E	939/5EF
278	tool set 82 pcs	1000 K
278	Tool set 82 PCS with tool carriage 939/5E	939/5E K
278	tool set 82 pcs with tool carriage 940/2	951 K
279	Tool set 82 PCS with tool box 912/5	930
279	Tool set 82 PCS with tool cabinet 948 E1	948 E1K
280	tool set 76 pcs	1000 L
280	tool set 76 pcs with tool cabinet 948E1	948 E1L
280	tool set 76 pcs with tool carriage 940/2	951 L
280	Tool set 76 PCS with tool chest 939/5E	939/5E L
281	tool set 76 pcs with tool box 912/5	932 L
281	Tool set 76 PCS with tool cabinet 948 E3	948 E3L
282	tool set 39 pcs	1000 M
282	tool set 39 pcs in artifitial leather bag	910
282	tool set 39 pcs with tool box 912/5	932 M
282	tool set 39 pcs with tool carriage 940/2	951 M
283	tool set 24 pcs	1000 N
283	tool set 24 pcs in artificial leather bag	910/1
283	tool set 24 pcs with tool box 912/5	932 N
284	tool set 19 pcs	1000 P
284	tool set 19 pcs with tool box 912/1	903/1
284	tool set 19 pcs with tool box 912/3	903/3
285	tool set 132 pcs	1000 R
285	tool set 132 pcs with tool carriage 940 E1	940 E1R
285	tool set 132 pcs with tool carriage 940 E4	940 E4R
285	tool set 132 pcs with tool carriage 940 E6	940 E6R
287	tool set 51 pcs	1000 S
287	tool set 51 pcs in case	971/1
288	tool set VDE 52 pcs	1000 T
288	tool set VDE 52 pcs in case	971/2
289	tool set 49 pcs	1000 V
289	tool set 49 pcs in case	972
290	tool set 20 pcs in artificial leather bag	901/1
290	tool set 9 pcs in artificial leather bag	901/2
291	tool set 14 pcs in artificial leather bag	902/2
291	tool set 20 pcs in artificial leather bag	902/1
292	tool set 11 pcs in artificial leather bag	902/3
292	tool set 8 pcs in artificial leather bag	898

TOOL SETS

P O W E R I N Y O U R H A N D

TOOL TRAYS WITH TOOLS FOR CARRIAGES: EUROSTYLE, EUROMASTER AND WORKING BENCH IMPROVE ACCESSIBILITY OF TOOL TRAYS WITH TOOLS FOR ACCESSIBILITY OF TOOLS AND GENERAL TIDINESS OF THE WORKPLACE

The items with blue color handles are not available for sale in the USA and Canada. Items can be supplied with red color handles.

ALL DIMENSIONS ARE IN mm, ALL WEIGHTS ARE IN g.

• Tool Tray for carriage “Eurostyle“, “Euromaster“ working bench

965/1 SET OF OPEN END WRENCHES IN TOOL TRAY

Code	PCS			
608853	12		2451	1
610958	12	in metal box		

CONTENTS:

Art.	mm		pcs
110/1	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22+21x23+24x26+25x28+27x32	open end wrenches	12

965/2 SET OF COMBINATIONS WRENCHES, SHORT IN TOOL TRAY

Code	PCS			
608854	12		1835	1
610959	12	in metal box		

CONTENTS:

Art.	mm		pcs
125/1	8+9+10+12+13+14+17+19+20+21+22+24	combinations wrenches, short type	12

965/2A SET OF COMBINATIONS WRENCHES LONG IN TOOL TRAY

Code	PCS			
608855	12		2136	1
610960	12	in metal box		

CONTENTS:

Art.	mm		pcs
120/1	8+9+10+12+13+14+17+19+20+21+22+24	combinations wrenches, long type	12

965/3 SET OF OFFSET RING WRENCHES IN TOOL TRAY

Code	PCS			
608856	8		1075	1
610961	12	in metal box		

CONTENTS:

Art.	mm		pcs
180/1	6x7+8x9+10x11+12x13+14x15+16x17+18x19+20x22	offset ring wrenches	8

965/4 SET OF OFFSET RING WRENCHES IN TOOL TRAY

Code	PCS		
608857	4	2416	1

CONTENTS:

Art.	mm		pcs
180/1	21x23+24x26+25x28+27x32	offset ring wrenches	4

965/6 SET OF BI PLIERS IN TOOL TRAY

Code	PCS		
608859	3	935	1

CONTENTS:

Art.	mm		pcs
406 BI	180	combinations pliers	1
508 BI	170	long nose pliers with side cutter	1
461 BI	160	diagonal cutting nippers	1

965/5A SET OF 1/4" SOCKET WRENCHES WITH ACCESORIES IN TOOL TRAY

Code	PCS		
612142	45	1555	1

CONTENTS:

Art.	mm		pcs
188	4+4.5+5+5.5+6+7+8+9+10+11+13	socket 1/4"	11
188.1A BI		reversible ratchet	1
188.2 BI		swivel handle	1
188.3		sliding T-handle	1
188.4	160	extension bar, long	1
188.5	50	extension bar, short	1
188.6		universal joint	1
188.7	1/4" - 3/8"	adaptor	1
188.8	150	spinner handle	1
187 HX	3+4+5+6+7	hexsagonal screwdriver socket	5
187 TX	TX 8+10+15+20+25+27+30+40	srewdriver socket TX profile	8
187 SL	0.8x4.0+1.0x5.5+1.2x7.0	flat screwdriver socket	3
187 PH	PH 1+2+3	crosstip (PH) screwdriver socket	3
189	E 4+5+6+7+8+10+11	socket with innen TX profile	7

965/2B SET IBEX COMBINATIONS WRENCH IN TOOL TRAY

Code	PCS		
611929	12	1643	1

CONTENTS:

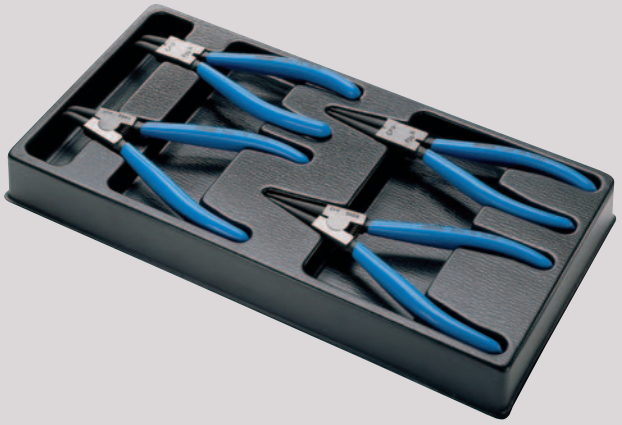
Art.	Dim.	pcs
129	8+10+11+12+13+14+15+16+17+ 19+22+24	12

965/7 SET OF BI AND GRIP PLIERS IN TOOL TRAY

Code	PCS		
608860	2	1055	1

CONTENTS:

Art.	mm		pcs
445 BI	240	double groove joint pliers	1
430	250	universal lock - grip pliers	1



965/8 SET OF LOCK RING PLIERS IN TOOL TRAY

Code	PCS		
608861	4	910	1

CONTENTS:

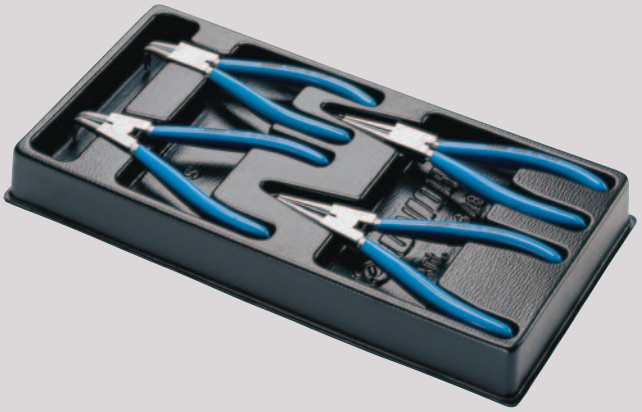
Art.	mm		pcs
532/4	180	lock rings pliers; external, straight	1
534/4	180	external, bent	1
536/4	180	internal, straight	1
538/4	180	internal, bent	1

965/9 SET OF SCREWDRIVERS BI IN TOOL TRAY

Code	PCS		
608862	8	910	1

CONTENTS:

Art.	mm		pcs
605 BI	0.8x4.0x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
615 BI	PH 1+2	crosstip (PH) screwdriver BI	2
625 BI	PZ 2	double crosstip (PZ) screwdriver BI	1
626 BI	PH 2	stubby crosstip (PH) screwdriver BI	1
627 B I	1.2x6.5	stubby flat screwdriver BI	1



965/8A SET OF LOCK RING PLIERS IN TOOL TRAY

Code	Set/pcs		
610952	4	910	1

CONTENTS:

Art.	mm		pcs
532/1	180	lock rings pliers;external, straight	1
534/1	180	external, bent	1
536/1	180	internal, straight	1
538/1	180	internal, bent	1

965/9A SET OF SCREWDRIVERS TBI IN TOOL TRAY

Code	PCS		
611949	8	910	1

CONTENTS:

Art.	mm		pcs
605 TBI	3,0 x 80	flat screwdriver TBI	1
	4,0 x 100	flat screwdriver TBI	1
	5,5 x 125	flat screwdriver TBI	1
	6,5 x 150	flat screwdriver TBI	1
615 TBI PH	PH 0 x 60	crosstip (PH) screwdriver TBI	1
	PH 1 x 80	crosstip (PH) screwdriver TBI	1
	PH 2 x 100	crosstip (PH) screwdriver TBI	1
625 TBI PZ	PZ 2 x 100	double rosstip (PZ) screwdriver TBI	1

965/10 SET OF HAMMERS AND PUNCHES IN TOOL TRAY

Code	PCS			
608863	5		1350	1
610979	5	in metal box		

CONTENTS:

Art.	mm		pcs
812	300	locksmiths` hammer LSI super	1
820	32	bumping hammer	1
640	5	drift punch	1
660	150	flat chiesel	1
642	5	centre punch	1

965/13A SET OF HEXAGONAL SCREWDRIVER WITH T-HANDLE IN TOOL TRAY

Code	Set/pcs		
611963	6	697	1

CONTENTS:

Art.	mm		pcs
193 HX	3+4+5+6+8+10	hexagonal screwdriver with T-handle	6

965/13 SET OF BALL-END HEXAGON SCREWDRIVERS WITH T-HANDLE IN TOOL TRAY

Code	Set/pcs		
610198	6	697	1

CONTENTS:

Art.	mm		pcs
193 HXS	3+4+5+6+8+10	ball-end hexagon screwdriver with T handle	6

965/14 SET OF TX PROFILE SCREWDRIVERS WITH T-HANDLE IN TOOL TRAY

Code	Set/pcs		
610199	6	697	1

CONTENTS:

Art.	mm		pcs
193 TX	15+20+25+27+30+40	TX profile screwdriver with T- handle	6

965/15A SET OF VDE BI TOOLS IN TOOL TRAY

Code	Set/pcs		
610957	9	1046	1

CONTENTS:

Art.	mm		pcs
613 VDE BI	PH 1x80+PH 2x100	crosstip (PH) screwdriver with insulated blade, VDE BI	2
603 VDE BI	2,5x75+3,5x100+ 5,5x125	electrician`s screwdrivers, VDE BI	3
461 VDE BI	160	diagonal cutting nippers	1
478 VDE BI	160	wire stripping pliers	1
406 VDE BI	180	combinations pliers	1
630 VDE	140	voltage tester 220-250V	1

965/16 SET OF SCREWDRIVER SOCKETS WITH INTERNAL TX PROFILE AND SOCKET WITH TX PROFILE IN TOOL TRAY

Code	Set/pcs		
61020	18	1481	1

CONTENTS:

Art.	mm		pcs
192 TX	20+25+27+30+40+ 45+50+55+60	screwdriver sockets with TX profile	9
191	E 10+11+12+14+16+ 18+20+22+24	sockets with internal TX profile	9

965/17 SET OF SWIVEL END SOCKET WRENCHES IN TOOL TRAY

Code	Set/pcs		
611953	6	1600	1

CONTENTS:

Art.	mm		pcs
202	8x9+10x11+ 12x13+ 14x15+ 16x17+ 19x22	swivel end socket wrench	6

965/18A OFFSET SOCKET WRENCH SET IN TOOL TRAY

Code	Set/pcs		
611950	8-19/10	697	1

CONTENTS:

Art.	mm		pcs
176	8+10+11+12+13+14+16+17+18+19	offset socket wrench	10

965/18B OFFSET SOCKET WRENCH SET IN TOOL TRAY

Code	Set/pcs		
611951	8-19/10	2594	1

CONTENTS:

Art.	mm		pcs
177	8+10+11+12+13+14+16+17+18+19	offset socket wrench	10

965/19 SOCKET SET 1/2" IN TOOL TRAY

Code	Set/pcs		
6119523	29	4683	1

CONTENTS:

Art.	mm		pcs
190.1A BI	260	1/2" reversible ratchet	1
190.2 BI	380	1/2" swivel handle	1
190.3	300	1/2" T handle	1
190.4	250	1/2" extension bar, long	1
190.5	125	1/2" extension bar, short	1
190.6	70	1/2" unioversal joint	1
190 1/2"	10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+27+30+32	1/2" socket"	18
192 HX	5+6+8+10+12	1/2" hexagon screwdriver socket	5

965/20B BASTARD FILES SET IN TOOL TRAY

Code	Set/pcs		
612001	5	1600	1

CONTENTS:

Art.	mm		pcs
760 B	200	flat files, bastard	1
761 B	200	half-round files, bastard	1
763 B	200	round files, bastard	1
764 B	200	three-square files, bastard	1
765 B	200	square files, bastard	1

965/20 1/2S HALF SMOOTH FILES SET IN TOOL TRAY

Code	Set/pcs		
612002	5	1600	1

CONTENTS:

Art.	mm		pcs
760 1/2S	200	flat files, half smooth	1
761 1/2S	200	half-round files, half smooth	1
763 1/2S	200	round files, half smooth	1
764 1/2S	200	three-square files, half smooth	1
765 1/2S	200	square files, half smooth	1

965/20 S SMOOTH FILES SET IN TOOL TRAY

Code	Set/pcs		
612003	5	1600	1

CONTENTS:

Art.	mm		pcs
760 S	200	flat files, smooth	1
761 S	200	half-round files, smooth	1
763 S	200	round files, smooth	1
764 S	200	three-square files, smooth	1
765 S	200	square files, smooth	1

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965/21 TOOL SET IN TOOL TRAY

Code	Set/pcs		
609803	60	6940	1

CONTENTS:

Art.	mm		pcs
240/1		1/2" tool set	36
192/12	TX 20+25+27+30+40+45+50+55+60	1/2" screwdriver socket set	9
220	1,5-10	set of hexagon wrenches	9
641	2+3+4+5+6+8	pin punch	6

965/22 TOOL SET IN TOOL TRAY

Code	Set/pcs		
612210	60	4950	1

CONTENTS:

Art.	mm		pcs
192TX	TX 20,25,27,30, 40,45,50,55,60	1/2" screwdriver socket with TX profile	9
192 HX	HX 5,6,7,8,9,10, 12,14,17	1/2" hexagon screwdriver socket	9
190 1/2"	10,11,12,13,14,15,16, 17,18,19,20,21,22, 23,24,27,30,32	1/2" socket	18
190.3	245	1/2" T-handle	1
190.4	250	1/2" extension bar, long	1
190.5	125	1/2" extension bar, short	1
190.6	38	1/2" unioversal joint	1
190.1 A BI	260	1/2" reversible ratchet	1
190.2 BI	380	1/2" swivel handle	1
220	1,5 – 10 PH	hexagon wrench set	9
641	2,3,4,5,6,8	pin punch	6
642	4	centre punch	1
660	150	flat chisel	1
670	150	cross chisel	1

965/23 SET OF IMPACT SOCKET 1/2" IN TOOL TRAY

Code	Set/pcs		
612579	15	1930	1

CONTENTS:

Art.	mm		pcs
231	10+11+12+13+14+15+16+ 17+18+19+21+22+23+24	Impact socket 1/2"	14
231.5	75	Impact extension bar 1/2"	1

965/24 TOOL SET IN TOOL TRAY

Code	Set/pcs		
612580	3	685	1

CONTENTS:

Art.	mm		pcs
753 P	150	saw	1
710 P	5 m	Measuring tape	1
556B	165	Utility knife	1

1000 A

TOOL SET 170 PCS

Code	PCS		
608140	170	32000	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

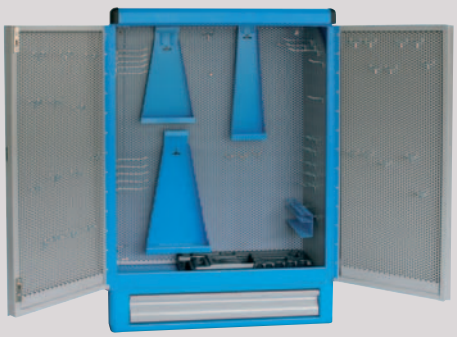
Pliers are with double component handles and jet stamp UNIOR, ring part of wrenches and sockets have off the point drive profile.

940 E9A
TOOL SET 170 PCS WITH TOOL CARRIAGE 940/E9

Code	
612521	91000

940 E4A
TOOL SET 170 PCS WITH TOOL CARRIAGE 940 E4A

Code	
612522	84000



948 E1A
TOOL SET 170 PCS WITH TOOL CABINET 948E1

Code	
612523	66000

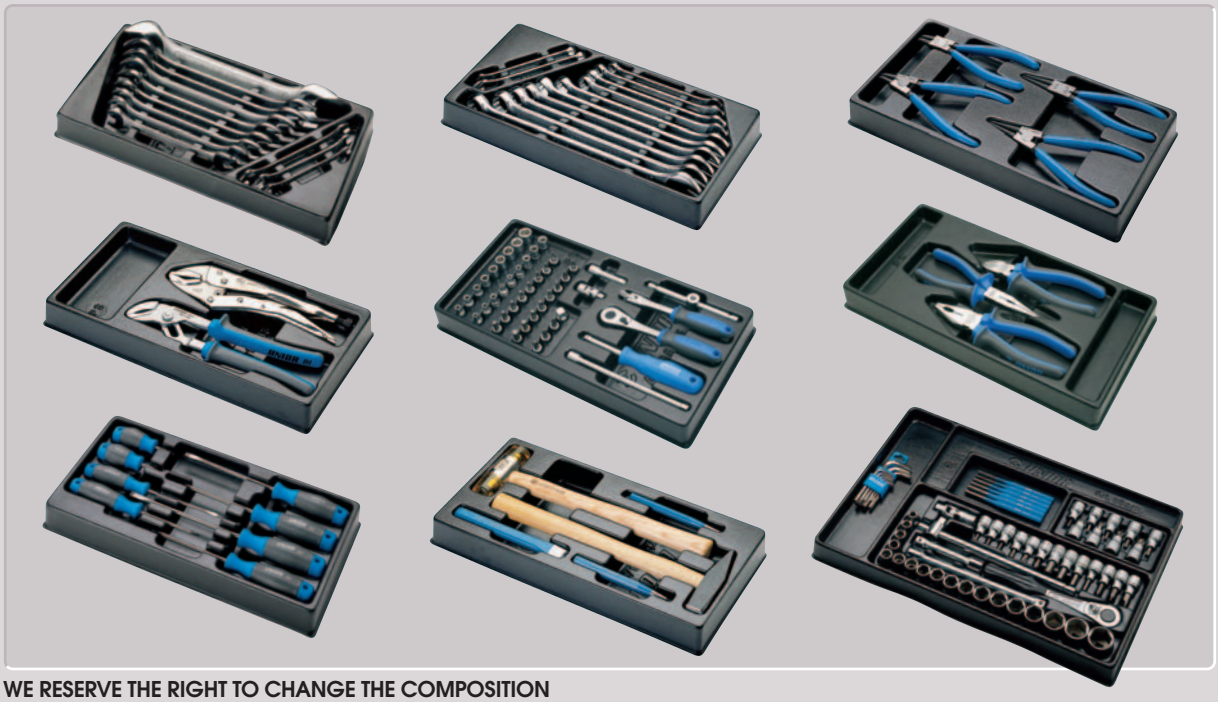
1000 A TOOL SET A – CONTENTS:

Art.	mm	DESCRIPTION	pcs
120/1	6 - 32	set of combination wrenches	
		6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28.29,30,32	26
188 1/4"	4 - 13	1/4" socket 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13	11
188.1A	140	reversible ratchet 1/4"	1
188.2	145	swivel handle 1/4"	1
188.3	120	sliding T-handle 1/4"	1
188.4	150	extension bar, long 1/4"	1
188.5	50	extension bar, short 1/4"	1
190 1/2"	10 - 32	1/2" socket 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32	18
190.1	245	1/2" reversible ratchet	1
190.2	380	1/2" swivel handle	1
190.3	300	1/2" sliding T-handle	1
190.4	250	1/2" extension bar, long	1
190.5	125	1/2" extension bar, short	1
190.6	70	1/2" universal joint	1
192 TX	25,27,30,40	1/2" screwdriver socket withTX profile	4
192 HX	6,8,10	1/2" hexagonal screwdriver socket	3
192 PH	2	1/2" crosstip screwdriver socket PH	1
192 PZ	2	1/2" double crosstip screwdriver socket PZ	1
193 HX	2.5,4,5,8	hexagonalscrewdriver with T- hanlde	4
194 B2	1/2"	1/2" flexible socket wrench with T-handle	1
194 D1	20.8	T handle spark plug wrench with swivelling socket	1
200	11 - 22	set of starter and block wrenches 11x13, 13x14, 14x17, 15x16, 17x19	5
205	280	strap wrench	1
220	1.5-10/9	set of hexagon wrenches 1.5,2,2.5,3,4,5,6,8,10	9
220S	1.5-10/9	set of ball end hexagon wrenches 1.5,2,2.5,3,4,5,6,8,10	9
250	250	adjustable wrench	1
406 BI	180	combinations pliers	1
430	250	universal lock - grip pliers	1
445 BI	240	double groove joint pliers	1
461 BI	160	diagonal cutting nippers	1
472 BI	140	long flat nose pliers	1
476 BI	140	long round nose pliers	1
512 BI	170	long nose pliers with side cutter and pipe grip, bent	1
481	1 1/2"	pipe wrench, swedish pattern	1
532/1-538/1	180	set of lock ring pliers 532/1,534/1,536/1,538/1	4
563	280R	universal tin snips	1
605 BI	0.5x3.0x80	flat screwdriver BI	1
	0.8x4.0x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
	1.2x8.0x175	flat screwdriver BI	1
	1.6x10.0x200	flat screwdriver BI	1
615 BI	PH 0x60	crosstip (PH) screwdriver BI	1
	PH 1x80	crosstip (PH) screwdriver BI	1
	PH 2x100	crosstip (PH) screwdriver BI	1
	PH 3x150	crosstip (PH) screwdriver BI	1
625 BI	PZ 2x100	double - crosstip (PZ) screwdriver BI	1
626 BI	PH 2x25	stubby crosstip (PH) screwdrivers BI	1
627 BI	1.2x6.5x25	stubby flat screwdrivers BI	1
621 BI TX	27x115	screwdrivers for TX profile BI	1
	30x115	screwdrivers for TX profile BI	1
	40x130	screwdrivers for TX profile BI	1
631	6 - 12 V	car light tester	1
640	2,4,6,8	drift punch	4
641	2,4,6,8,10	pin punch	5
642	5	centre punch	1
660	150, 250	flat chiesel	2
670	150	cross chiesel	1
6762	set 14 pcs	set of impact screwdrivers and bits	14
682	230x190	puller with three adjustable arms	1
701	0.05-1/13	feeler gauges	1
750/1	407	hacksaw frame	1
812	300,500,1000	locksmiths` hammer LSI super	3
820	Ø 22	bumping hammer	1

1000 AB

TOOL SET 151 PCS

Code	PCS		
609802	151	18242	1



WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

1000 AB TOOL SET AB – CONTENTS:

Art.	mm	DESCRIPTION	pcs
965/1	6-32	Set of open end wrenches in tool tray	12
965/2A	8-24	Set of combinations wrenches long in tool tray	12
965/5A		Set of 1/4"" socket wrenches with accesories in tool tray	45
965/6		Set of Bl pliers in tool tray	3
965/7		Set of Bl and grip pliers in tool tray	2
965/8		Set of lock ring pliers in tool tray	4
965/9		Set of screwdrivers Bl in tool tray	8
965/10		Set of hammers and punches in tool tray	5
965/21		Tool set in tool tray	60

940 E9AB TOOL SET 151PCS WITH TOOL CARRIAGE 940E9

Code	
612525	77242

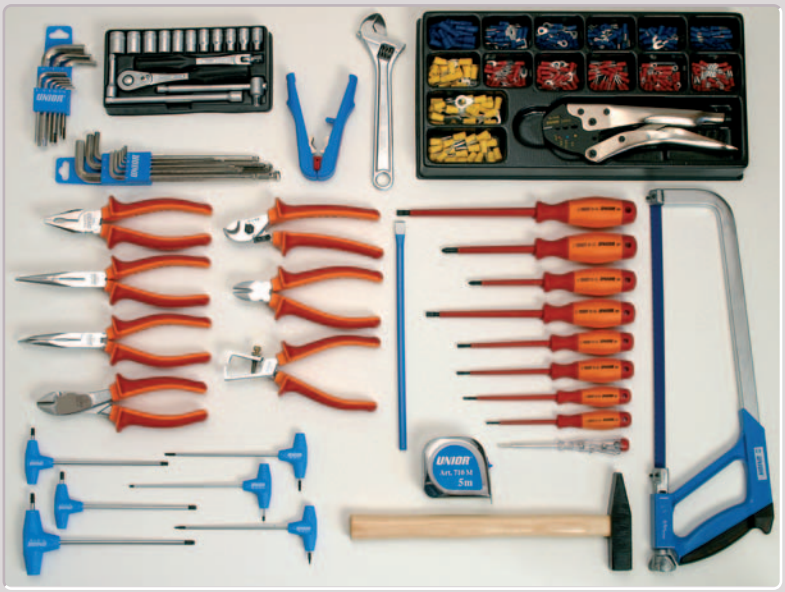
940 M1AB TOOL SET 151PCS WITH TOOL CARRIAGE 940M1

Code	
612514	76242

1000 AD

TOOL SET 343 PCS

Code	PCS		
611884	343	6469	1



WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

1000 AD TOOL SET AD – CONTENTS:

Art.	mm	DESCRIPTION	pcs
188 BI 1/4"	4-13	"1/4"" Tool set in metal box"	16
193 HX	2,5-4	Hexagonal head screwdriver with T-handle	2
193 TX	6-25	TX profile screwdriver with T-handle	4
220	1,5-10	Set of hexagon wrench in plastic clip	9
220 SL	1,5-10	Set of ball end hexagon wrench in plastic clip	9
250	200	Adjustable wrench	1
383	4,8-7,5	Combination coax cable stripper	1
406 VDE BI	180	Combination pliers	1
461 VDE BI	160	Diagonal cutting nippers	1
466 VDE BI	180	Heavy duty diagonal cutting nippers	1
478 VDE BI	160	Wire stripping pliers	1
508 VDE BI	200	Long nose pliers with side cutter and pipe grip, straight	1
512 VDE BI	200	Long nose pliers with side cutter and pipe grip, bent	1
580 VDE BI	170	Cable shears	1
603 VDE BI	0,4x2,5x75	Electrician's screwdriver	1
	0,5x3,0x100	Electrician's screwdriver	1
	0,6x3,5x100	Electrician's screwdriver	1
	0,8x4,0x100	Electrician's screwdriver	1
	1,0x5,5x125	Electrician's screwdriver	1
	1,2x6,5x150	Electrician's screwdriver	1
613 VDE BI	PH1x80	Crosstip (PH) screwdriver with insulated blade	1
	PH2x100	Crosstip (PH) screwdriver with insulated blade	1
630 VDE	140	Voltage tester 220-250V	1
665A	250x8x10	Electrician's chisel	1
710 P	5m	Measuring tape	1
750		Hacksaw frame	1
812	300	Locksmith's hammer	1
965/11		Set of crimp-grip pliers with terminals in tool tray	281

971/3VDE TOOL SET 343 PCS IN CASE 970 U3

Code	
612548	10969

1000 B

TOOL SET 207 PCS

Code	PCS		
608141	207	46000	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

Pliers are with double component handles and jet stamp UNIOR, ring part of wrenches and sockets have off the point drive profile.

940E9B

TOOL SET 207 PCS WITH TOOL CARRIAGE 940E9

Code	
612524	105000

1000 B TOOL SET B – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/1	6 - 32	set of open end wrenches 6x7,8x9,10x11,12x13,14x15,16x17,18x19,20x22,21x23,24x26,25x28,27x32	12
125/2	6 - 22	set of combination wrenches, short type 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22	17
180/1	6 - 32	set of offset ring wrenches, 6x7,8x9,10x11,12x13,14x15,16x17,18x19,20x22,21x23,24x26,25x28,27x32	12
186	3/8" 21	3/8" set of spark plug socket with ratchet and extension bars	4
186.4	16,19	3/8" spark plug socket	2
188 1/4"	4 -13	1/4" socket 4,4.5,5,5.5,6,7,8,9,10,11,13	11
188.1 A	140	1/4" reversible ratchet	1
188.2	145	1/4" swivel handle	1
188.3	120	1/4" sliding T- handle	1
188.4	150	1/4" extension bar long	1
188.5	50	1/4" extension bar short	1
190 1/2"	10 - 32	1/2" socket 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,3032	18
190.1	245	1/2" reversible ratchet	1
190.2	380	1/2" swivel handle	1
190.3	300	1/2" sliding T - handle	1
190.4	250	1/2" extension bar long	1
190.5	125	1/2" extension bar short	1
190.6	70	1/2" universal joint	1
192/12	TX 20 - 60	set of screwdrivers socket with TX profile 20,25,27,30,40,45,50,55,60	9
192 HX	6.8	hexagonal screwdrivers socket	2
192PH	PH2	crosstip screwdrivers socket PH	1
194 A1	10,11,13,17,19	flexible socket wrench with T handle	5
629 BI	6 - 13	set of socket wrenches with handle 6,8, 10,12,13	5
200	11 - 22	set of starter and block wrenches 11x13,13x14,14x17,15x16,17x19	5
206	280	chain wrench	1
212	17,19	wheel nut wrench	2
rod	12	rod12x200	1
215	10x11,12x13	tubular box wrench	2
220	3-19	set of hexagon keys 3,4,5,6,8,10,12,14,17,19	10
250	200	adjustable wrench	1
300	400	tyre lever	2
406 BI	180	combination pliers	1
430	175,250	universal lock -grip pliers	2
431	350	brake pring pliers	1
445 BI	180,240	double groove joint pliers	2
455 BI	160	end cutting nippers	1
466 BI	180	heavy duty diagonal cutting nippers	1
472 BI	140	long flat nose pliers	1
476 BI	140	long round nose pliers	1
481	1 1/2"	pipe wrench swedish pattern	1
532/1-538/1	180	lock rings pliers 532/1, 534/1, 536/1, 538/1	4
563	280R	universal tin snips	1
600 W	0.8x4.5x90	screwdriver LSI super with hexagon bolster and wooden handle	1
	1.0x5.5x100	screwdriver LSI super with hexagon bolster and wooden handle	1
	1.2x6.5x125	screwdriver LSI super with hexagon bolster and wooden handle	1
	1.2x8.0x150	screwdriver LSI super with hexagon bolster and wooden handle	1
	1.6x10.0x175	screwdriver LSI super with hexagon bolster and wooden handle	1
	2.5x14.0x250	screwdriver LSI super with hexagon bolster and wooden handle	1
605 BI	0.4x2.5x75	flat screwdriver BI	1
	0.5x3.0x80	flat screwdriver BI	1
	0.8x4.0x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
	1.2x8.0x175	flat screwdriver BI	1
	1.6x10.0x200	flat screwdriver BI	1
615 BI	PH 1x80	crosstip (PH) screwdriver BI	1
	PH 2x100	crosstip (PH) screwdriver BI	1
	PH 3x150	crosstip (PH) screwdriver BI	1
	PH 4x200	crosstip (PH) screwdriver BI	1
616 W	PH 1x80	crosstip (PH)screwdriver LSI super with hexagon bolster and wooden handle	1
	PH2x100	crosstip (PH)screwdriver LSI super with hexagon bolster and wooden handle	1
	PH3x150	crosstip (PH)screwdriver LSI super with hexagon bolster and wooden handle	1
626 BI	PH2x25	stuby crosstip (PH) screwdrivers BI	1
627 BI	0.8x4.0x25	stubby flat screwdriver BI	1
630 VDE	180	voltage tester 220 - 250 V	1
631	6 - 12V	car light tester	1
640	2,3,5,6,8,10	drift punch	6
642	5	centre punch	1
660	200, 250	flat chiesel	2
670	150	cross chiesel	1
6762	set 14 pcs	set of impact screwdrivers and bits	14
680	230x190	puller with two adjustable arms	1
681	300	universal puller with two sliding arms	1
682	230x190	puller with three adjustable arms	1
686	260	universal ball joint puller	1
701	0.05-1/13	feeler gauges	1
750/1	407	hacksaw frame	1
812	300,500,1000	locksmiths` hammer LSI super	3
820	22	bumping hammer	1

1000 C

TOOL SET 161 PCS

Code	PCS		
608142	161	33000	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

Pliers are with double component handles and jet stamp UNIOR, ring part of wrenches and sockets have off the point drive profile.

940 E9C

TOOL SET 161 PCS WITH TOOL CARRIAGE 940 E9

Code	
612549	92000

948 E1C

TOOL SET 161 PCS WITH TOOL CABINET 948 E1

Code	
612550	67000

272

1000 C TOOL SET C – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/1	6-32	set of open end wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19,	
		20x22, 21x23, 24x26, 25x28, 27x32	12
125/2	6-22	set of combination wrenches, short type	
		6,7,8,9,10,11,12,13,14,15,16,17,18,19,.20,.21,.22,	17
180/1	6-32	set of offset ring wrenches 6x7, 8x9, 10x11,12x13, 14x15, 16x17, 18x19	
		20x22, 21x23, 24x26, 25x28, 27x32	12
186	3/8"21	3/8" set of spark plug socket with ratchet and extension bars	4
188 1/4"	4-13	1/4" socket 4,4.5,5,5.5,6,7,8,9,10,11,13	11
188.1A	140	1/4"reversible ratchet	1
188.2	145	1/4" swivel handle	1
188.3	120	1/4" sliding T- handle	1
188.4	150	1/4" extension bar long	1
188.5	50	1/4" extension bar short	1
190/1 1/2"	10-32	1/2" socket 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32	18
190.1	245	1/2" reversible ratchet	1
190.2	380	1/2" swivel handle	1
190.3	300	1/2" sliding T- handle	1
190.4	250	1/2" extension bar long	1
190.5	125	1/2" extension bar short	1
190.6	70	1/2" universal joint	1
629 BI	6,8,10	socket wrench with handle	3
200	11-22	set for starter and block wrenches 11x13,13x14,14x17,15x16,17x19,	5
205	280	strap wrench	1
212	19,24,27	wheel nut wrench	3
rod	12,14,20	rod	3
220	3-19	set of hexagon wrenches 3,4,5,6,8,10,12,14,17,19	10
300	500	tyre lever	2
405 BI	160.200	combination pliers	2
430	175	universal lock -grip pliers	1
431	325	brake spring pliers	1
445 BI	180.240	double groove joint pliers	2
455 BI	160	end cutting nippers	1
461 BI	160	diagonal cutting nippers	1
472 BI	140	long flat nose pliers	1
476 BI	140	long round nose pliers	1
506 BI	140	long nose pliers with side cutter	1
512 BI	200	long nose pliers with side cutter and pipe grip, bent	1
532/1-538/1	180	lock rings pliers 532/1, 534/1, 536/1, 538/1	4
562	250	nibbler	1
563	280 R	universal tin snips	1
600 W	1.2x6.5x125	crewdriver LSI super with hexagon bolster and wooden handle	1
	1.2x8.0x150	crewdriver LSI super with hexagon bolster and wooden handle	1
	1.6x10.0x175	crewdriver LSI super with hexagon bolster and wooden handle	1
605 BI	0.5x3.0x80	flat screwdriver BI	1
	0.8x4.0x100	flat screwdriver BI	1
	1.0x5.5x100	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
	1.2x8.0x175	flat screwdriver BI	1
	1.6x10.0x200	flat screwdriver BI	1
615 BI	PH 1x80	crosstip (PH) screwdriver BI	1
	PH 2x100	crosstip (PH) screwdriver BI	1
	PH 3x150	crosstip (PH) screwdriver BI	1
	PH4x200	crosstip (PH) screwdriver BI	1
626 BI	PH 2x25	stubby crosstip (PH) screwdriver BI	1
627 BI	0.8x4.0x25	stubby flat screwdriver BI	1
630 VDE	180	voltage tester 220 - 250 V	1
631	6-12 V	car light tester	1
640	2,3,4,5	drift punch	4
642	4	centre punch	1
660	150,250	flat chiesel	2
670	150	cross chiesel	1
701	0.05-1/13	feeler gauges	1
750/1	407	hacksaw frame	1
812	300,500,1000	locksmiths` hammer LSI super	3
820	22	bumping hammer	1

1000 E

TOOL SET 137 PCS

Code	PCS		
608144	137	24000	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

Pliers are with double component handles and jet stamp UNIOR, ring part of wrenches and sockets have off the point drive profile.

940E9E — TOOL SET 137 PCS WITH TOOL CARRIAGE 940E9

Code	
612551	83000

940E4E — TOOL SET 137 PCS WITH TOOL CARRIAGE 940E4

Code	
612552	76000

948 E1E — TOOL SET 137 PCS WITH TOOL CABINET 948E1

Code	
612553	58000

1000 E TOOL SET E – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/1	6 - 32	set of open end wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 27x32	12
125/2	6 - 22	set of combination wrenches, short type 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22	17
180/1	6 - 32	set of offset ring wrenches 6x7,8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 27x32	12
186	3/8" 21	3/8" set of spark plug socket with ratchet and extension bars	4
188 1/4"	4 - 13	1/4" socket 4,4.5,5,5.5,6,7,8,9,10,11,13	11
188.1 A	140	1/4" reversible ratchet	1
188.2	145	1/4" swivel handle	1
188.3	120	1/4" sliding T - handle	1
188.4	150	1/4" extension bar long	1
188.5	50	1/4" extension bar short	1
190 1/2"	10 - 32	1/2" socket 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32	18
190.1	245	1/2" reversible ratchet	1
190.2	380	1/2" swivel handle	1
190.3	300	1/2" sliding T-handle	1
190.4	250	1/2" extension bar long	1
190.5	125	1/2" extension bar short	1
190.6	70	1/2" universal joint	1
200	11 - 22	set for starter and block wrenches 11x13, 13x14,14x17,15x16, 17x19	5
205	280	strap wrench	1
212	24	wheel nut wrench	1
ROD	14	rod	1
220	3-19	set of hexagon wrenches 3,4,5,6,8,10,12,14,17,19	10
300	400	tyre lever	2
405 BI	180	combination pliers	1
425 A	240	crimping pliers	1
430	175	universal lock - grip pliers	1
431	325	brake spring pliers	1
445 BI	240	double groove joint pliers	1
455 BI	160	end cutting nippers	1
472 BI	140	long flat nose pliers	1
476 BI	140	long round nose pliers	1
572	280 R	shape tin snips	1
605 BI	0.5x3.0x80	flat screwdriver BI	1
	0.8x4.0x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
	1.2x8.0x175	flat screwdriver BI	1
	1.6x10.0x200	flat screwdriver BI	1
615 BI	PH 1x80	crosstip (PH) screwdriver BI	1
	PH 2x100	crosstip (PH) screwdriver BI	1
	PH 3x150	crosstip (PH) screwdriver BI	1
	PH 4x200	crosstip (PH) screwdriver BI	1
626 BI	PH 2x25	stubby crosstip (PH) screwdriver BI	1
627 BI	0.8x4.0x25	stubby flat screwdriver BI	1
631	6 - 12 V	car light tester	1
640	2,3,4,5	drift punch	4
642	5	centre punch	1
660	150,250	flat chiesel	2
670	150	cross chiesel	1
812	300,500	locksmiths` hammer LSI super	2

951 E TOOL SET 137 PCS WITH TOOL CARRIAGE 940/2

Code	
608175	65000

932 TOOL SET 137PCS WITH TOOL BOX 912/5

Code	
601994	29000

275

1000 F

TOOL SET 130 PCS

Code	PCS		
608145	130	31500	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

Pliers are with double component handles and jet stamp UNIOR, ring part of wrenches and sockets have off the point drive profile.

940E9F
TOOL SET 130 PCS WITH TOOL CARRIAGE 940E9

Code	
612554	20500

940 E4F
TOOL SET 130 PCS WITH TOOL CARRIAGE 940E4

Code	
612555	83500

939/5EF
TOOL SET 130 PCS WITH TOOL CHEST 939/5E

Code	
612556	56000

1000 F TOOL SET F – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/2	6 - 32	set of open end wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 27x32	12
125/2	6 - 22	set of open end wrenches 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22	17
180/1	6 - 32	set of offset ring wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 27x32	12
185	16	spark plug wrench	1
190 1/2"	10 - 32	1/2" socket 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32	18
190.1	245	1/2" reversible ratchet	1
190.2	380	1/2" swivel handle	1
190.3	300	1/2" sliding T- handle	1
190.4	250	1/2" extension bar long	1
190.5	125	1/2" extension bar short	1
190.6	70	1/2" universal joint	1
197 3/4"	22 - 46	3/4" socket 22,24,27,30,32,36,38,41,46	9
197.1	500	3/4" reversible ratchet	1
197.3	460	3/4" sliding T- handle	1
197.4	400	3/4 "extension bar long	1
197.5	200	3/4" extension bar short	1
197.7	60	adaptor 3/4" -1/2"	1
220	3 - 19	set of hexagon wrenches 3,4,5,6,8,10,12,14,17,19	10
250	250	adjustable wrench	1
406 BI	180	combination pliers	1
425 A	240	crimping pliers	1
430	175	universal lock - grip pliers	1
447	240	waterpump box joint pliers	1
455 BI	160	end cutting nippers	1
461 BI	160	diagonal cutting nippers	1
506 BI	140	long nose pliers with side cutter	1
508 BI	170	long nose pliers with side cutter and pipe grip, straight	1
532/1	180	lock rings pliers	1
536/1	180	lock rings pliers	1
563	280R	universal tin snips	1
580 BI	170	cable shears	1
600 BI	1.2x6.5x125	flat screwdriver BI with hexagon bolster	1
600 BI	1.2x80x150	flat screwdriver BI with hexagon bolster	1
605 BI	0.5x3.0x80	flat screwdriver BI	1
605 BI	0.8x4.0x100	flat screwdriver BI	1
605 BI	1.0x5.5x125	flat screwdriver BI	1
605 BI	1.2x6.5x150	flat screwdriver BI	1
605 BI	1.2x8.0x175	flat screwdriver BI	1
615 BI	PH 1x80	crosstip (PH) screwdriver BI	1
615 BI	PH 2x100	crosstip (PH) screwdriver BI	1
615 BI	PH 3x150	crosstip (PH) screwdriver BI	1
630 VDE	180	voltage tester 220 - 250 V	1
631	6 - 12 V	car light tester	1
640	3,4	drift punch	2
641	2,3,4,5,6	pin punch	5
642	4	centre punch	1
660	150,200	flat chiesel	2
670	150,200	cross chiesel	2
750/1	407	hacksaw frame	1
812	500	locksmiths` hammer	1
820	ø 40	bumping hammer	1

1000 K

TOOL SET 82 PCS

Code	PCS		
608148	82	18000	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

Pliers are with double component handles and jet stamp UNIOR, ring part of wrenches and sockets have off the point drive profile.

951 K
TOOL SET 82 PCS WITH TOOL CARRIAGE 940/2

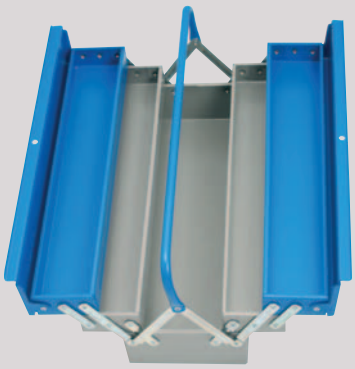
Code	
608160	59000

939/5E K
TOOL SET 82 PCS WITH TOOL CHEST 939/5E

Code	
612557	4300

1000 K TOOL SET K – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/1	6 - 32	set of open end wrenches 6x7, 8x9, 10x11, 12x13,14x15, 16x17, 18x19, 20x 22, 21x23, 24x26, 25x28, 27x32	12
180/1	6 - 32	set of offset ring wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 27x32	12
186	3/8" 21	3/8" set of spark plug socket with ratchet and extension bars	4
190 1/2"	10 - 32	1/2" socket 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32	18
190.1	245	1/2" reversible ratchet	1
190.2	380	1/2" swivel handle	1
190.3	300	1/2" sliding T - handle	1
190.4	250	1/2" extension bar long	1
190.5	125	1/2" extension bar short	1
190.6	70	1/2" universal joint	1
212	19	wheel nut wrench	1
rod	12	rod	1
220	3 -19	set of hexagon wrenches 3,4,5,6,8,10,12,14,17,19	10
300	400	tyre lever	2
405 BI	180	combination pliers	1
430	175	universal lock - grip pliers	1
445 BI	240	double groove joint pliers	1
455 BI	160	end cutting nippers	1
472 BI	140	long flat nose pliers	1
476 BI	140	long round nose pliers	1
506 BI	140	long nose pliers with side cutter	1
572	280 R	shape tin snips	1
605 BI	0.8x4.0x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
	1.2x8.0x175	flat screwdriver BI	1
615 BI	PH 2x100	crosstip (PH) screwdriver BI	1
	PH 3x150	crosstip (PH) screwdriver BI	1
631	6 - 12 V	car light tester	1
812	500	locksmiths` hammer LSI super	1



930 TOOL SET 82 PCS WITH TOOL BOX 912/5

Code	
601996	23000

948E1 K TOOL SET 82 PCS WITH TOOL CABINET 948E1

Code	
612558	45500

1000 L

TOOL SET 76 PCS

Code	PCS		
608149	76	14000	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

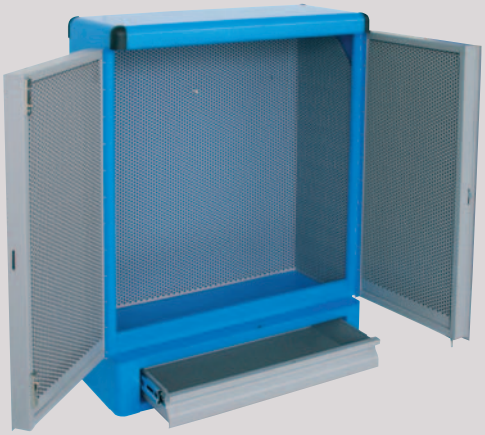
Pliers are with double component handles and jet stamp UNIOR, ring part of wrenches and sockets have off the point drive profile.

951 L
TOOL SET 76 PCS WITH TOOL CARRIAGE 940/2

Code	
608156	55000

939/5E L
TOOL SET 76 PCS WITH TOOL CHEST 939/5E

Code	
612559	47000

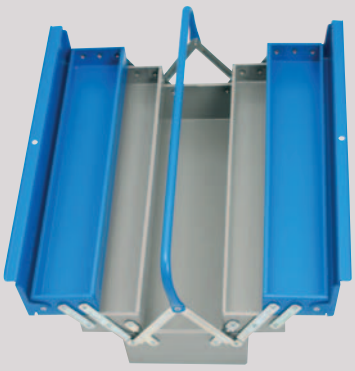


948 E1L
TOOL SET 76 PCS WITH TOOL CABINET 948E1

Code	
612560	41500

1000 L TOOL SET L – CONTENTS:

Art.	mm	DESCRIPTION	pcs
125/2	6 -22	set of combination wrenches, short type	
		6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22	17
186	3/8" 21	3/8" set of spark plug socket with ratchet and extension bars	4
190 1/2"	10 - 32	1/2" socket 10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32	18
190.1	245	1/2" reversible ratchet	1
190.2	380	1/2" swivel handle	1
190.3	300	1/2" sliding T - handle	1
190.4	250	1/2" extension bar long	1
190.5	125	1/2" extension bar short	1
190.6	70	1/2" universal joint	1
212	24	wheel nut wrench	1
rod	14	rod	1
300	400	tyre lever	2
405 BI	160	combination pliers	1
430	175	universal lock - grip pliers	1
445 BI	240	double groove joint pliers	1
455 BI	160	end cutting nippers	1
506 BI	140	long nose pliers with side cutter	1
512 BI	170	long nose pliers with side cutter and pipe grip, bent	1
563	280 R	universal tin snips	1
605 BI	0.8x4.0x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
	1.2x8.0x175	flat screwdriver BI	1
615 BI	PH 1x80	crosstip (PH) screwdriver BI	1
	PH 2x100	crosstip (PH) screwdriver BI	1
	PH 3x150	crosstip (PH) screwdriver BI	1
626 BI	PH 1x25	stubby crosstip (PH) screwdriver BI	1
627 BI	0.8x4.0x25	stuby flat screwdriver BI	1
630	180	voltage tester 220 - 250 V	1
631	6 -12 V	car light tester	1
640	1,3,5,8	drift punch	4
642	5	centre punch	1
660	150, 250	flat chiesel	2
670	150	cross chiesel	1
812	500	locksmiths` hammer LSI super	1



932 L TOOL SET 76 PCS WITH TOOL BOX 912/5

Code	
608159	19000

948E3L TOOL SET 76 PCS WITH TOOL CABINET 948E3

Code	
612561	31000

1000 M

TOOL SET 39 PCS

Code	PCS		
608150	39	7000	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

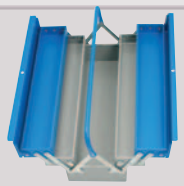
Pliers are with double component handles and jet stamp UNIOR

1000 M TOOL SET M – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/1	6 -22	set of open end wrenches 6x7,8x9,10x11,12x13,14x15,16x17,18x19,20x22, 21x23, 24x26, 25x28, 27x32	12
220	3 -14	set of hexagon wrenches 2,4,5,6,8,10,12,14	8
405 BI	180	combination pliers	1
425 A	240	crimping pliers	1
445 BI	240	double groove joint pliers	1
461 BI	160	diagonal cutting nippers	1
472 BI	140	long flat nose pliers	1
476 BI	140	long round nose pliers	1
478 BI	160	wire stripping pliers	1
506 BI	140	long nose pliers with side cutter	1
512 BI	200	long nose pliers with side cutter and pipe grip, bent	1
605 BI	0.5x3.5x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
	1.2x8.0x175	flat screwdriver BI	1
615 BI	PH 0x60	crosstip (PH) screwdriver BI	1
	PH 1x80	crosstip (PH) screwdriver BI	1
	PH 2x100	crosstip (PH) screwdriver BI	1
630	140	voltage tester 220 - 250 V	1
660	150	flat chiesel	1
812	500	locksmiths` hammer LSI super	1

951 M TOOL SET 39 PCS WITH TOOL CARRIAGE 940/2

Code	
608154	48000



932 M TOOL SET 39 PCS WITH TOOL BOX 912/5

Code	
608155	12200

910 TOOL SET 39 PCS IN ARTIFICIAL LEATHER BAG

Code	
601998	8400

1000 N

TOOL SET 24 PCS

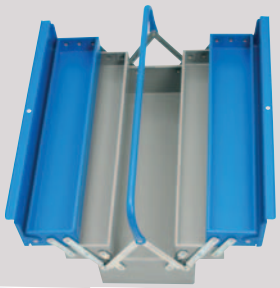
Code	PCS		
608151	24	38000	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

Pliers are with double component handles and jet stamp UNIOR

1000 N TOOL SET N – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/1	6-22	set of open end wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22	8
405 BI	180	combination pliers	1
425 B	240	crimping pliers	1
445 BI	240	double groove joint pliers	1
461 BI	140	diagonal cutting nippers	1
476 BI	140	long round nose pliers	1
478 BI	160	wire stripping pliers	1
506 BI	140	long nose pliers with side cutter	1
605 BI	0.5x3.5x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
615 BI	PH 0x60	crosstip (PH) screwdriver BI	1
	PH 1x80	crosstip (PH) screwdriver BI	1
	PH 2x100	crosstip (PH) screwdriver BI	1
630	140	voltage tester 220 - 250 V	1
660	150	flat chiesel	1
812	300	locksmiths` hammer LSI super	1



932 N TOOL SET 24 PCS WITH TOOL BOX 912/5

Code	
608153	8800

910/1 TOOL SET 24 PCS WITH ARTIFICIAL LEATHER BAG

Code	
602547	4925

1000 P

TOOL SET 19 PCS

Code	PCS		
608152	19	2300	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

903/3 TOOL SET 19 PCS WITH TOOL BOX 912/3

Code	
601971	6500

903/1 TOOL SET 19 PCS WITH TOOL BOX 912/1

Code	
601970	5000

1000 P TOOL SET P – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/2	6-22	set of open end wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22	8
416	160	combination pliers	1
443	240	double groove joint pliers	1
505	160	long nose pliers with side cutter	1
530	160	carpeters' pincers	1
540	190	pruning shears	1
605 NI	1.0x5.5x125	flat screwdriver	1
	1.2x6.5x150	flat screwdriver	1
615 NI	PH 2x100	crosstip (PH) screwdriver	1
630 VDE	140	voltage tester 220 - 250V	1
631	6-12V	car light tester	1
812	300	locksmiths` hammer LSI super	1

1000 R

TOOL SET 132 PCS

Code	PCS		
608868	132	24000	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

940 E 1R
TOOL SET 132 PCS WITH TOOL CARRIAGE 940E1

Code	
608869	93000

940 E 4R
TOOL SET 132 PCS WITH TOOL CARRIAGE 940E4

Code	
608870	93000

940 E 6R
TOOL SET 132 PCS WITH TOOL CARRIAGE 940E6

Code	
608871	93000

1000 R TOOL SET R – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/2	6-32	set of open end wrenches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23,. 24x26, 25x28, 27x32	12
125/2	6-22	set of combinations wrenches 6,7,8,10,11,12,13,14,15,16,17,18,19,20,21,22	17
188 1/4"	4-13	1/4" socket 4,4.5,5,5.5,6,7,8,9,10,11,13	11
188.1 A	138	1/4" reversible ratchet	1
188.2	145	1/4" swivel handle	1
188.3	120	1/4" sliding T- handle	1
188.4	150	1/4" extension bar long	1
188.5	50	1/4" extension bar short	1
188.6	41	1/4" universal joint	1
188.8	150	1/4" spinner handle	1
190 1/2"	10-32	1/2" socket 10.11.12.13.14.15.16.17.18.19.20.21.22.23.24.27.30.32	18
190.1	245	1/2" reversible ratchet	1
190.2	380	1/2" swivel handle	1
190.3	300	1/2" sliding T handle	1
190.4	250	1/2" extension bar long	1
190.5	125	1/2" extension bar short	1
190.6	75	1/2" universal joint	1
192HX	6+8	1/2 hexagonal screwdriver socket	2
192 PH	PH 2x100	crosstip PH screwdriver socket	1
192 TX	TX 20-60	screwdriver socket with profile TX 20,25, 27, 30, 40, 45, 50, 55, 60	9
629 BI	6-13	socket wrench with handle 6, 8, 10, 11, 13	5
220	1.5-10	set of hexagon keys 1.5,2,2.5,3,4,5,6,8,10	9
416	180	combination pliers	1
430	250	universal lock - grip pliers	1
443	240	waterpump box joint pliers	1
465	180	heavy duty diagonal cutting nippers	1
507	170	long nose pliers with side cutter and pipe grip, straigh	1
510	170	long nose pliers with side cutter and pipe grip, bent	1
532/1	180	external lock -rings pliers, straight	1
534/1	180	external lock -rings pliers,bent	1
536/1	180	internal lock -rings pliers, straight	1
538/1	180	internal lock -rings pliers, bent	1
605 CR	0.4x2.5x75	flat screwdriver LSI	1
	0.5x3.0x80	flat screwdriver LSI	1
	0.8x4.0x100	flat screwdriver LSI	1
	1.0x5.5x125	flat screwdriver LSI	1
	1.2x6.5x150	flat screwdriver LSI	1
	1.2x8.0x175	flat screwdriver LSI	1
615 CR	PH 1x80	crosstip (PH) screwdriver LSI	1
	PH 2x100	crosstip (PH) screwdriver LSI	1
621CRTX	TX 15,20,25	screwdriver with TX profile LSI	3
631	6-12 V	car light tester	1
641	2+3+5+6+8	pin punch	5
642	5	centre punch	1
660	150+200	flat chiesel	2
670	150+200	cross chiesel	2
812	300+500	locksmiths` hammer	2
820	32	bumping hammer	1

1000 S

TOOL SET 51 PCS

Code	PCS		
609329	51	6475	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION

Pliers are with double component handles and jet stamp UNIOR,
ring part of wrenches and sockets have off the point drive profile.

971/1 TOOL SET 51PCS IN CASE

Code	Set/pcs		
608540	51	11475	1

1000 S TOOL SET S – CONTENTS:

Art.	mm	DESCRIPTION	pcs
125/1	6 - 24	combination wrenches, short type	
		6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22+24	18
190	13.17.19.22.24	1/2" socket	5
190.1		1/2" reversible ratchet	1
190.5	125	1/2" extension bar - short	1
190.6	70	1/2" universal joint	1
220S	1.5 - 10/9	set of hexagon wrenches on plastic clip 1.5+2+2.5+3+4+5+6+8+10	9
250	200	adjustable wrench	1
406 BI	180	combination pliers	1
445 BI	240	double groove joint pliers	1
461 BI	160	diagonal cutting nippers	1
508 BI	200	long nose pliers with side cutter and pipe grip, straight	1
512 BI	200	long nose pliers with side cutter and pipe grip, bent	1
605 BI	0.8x4.0x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
615 BI	PH 1+2	crosstip (PH) screwdriver BI	2
625 BI	PZ 2	double - crosstip (PZ) screwdriver BI	1
626 BI	PH 2	stubby crosstip (PH)screwdriver BI	1
627 B I	1.2x6.5	stubby flat screwdriver BI	1
710 P	2 m	measuring tape	1
812	500 g	locksmiths` hammer LSI super	1

1000 T

TOOL SET VDE 52 PCS

Code	PCS		
609330	52	9430	1

971/2 TOOL SET VDE 52 PCS IN CASE

Code	Set/pcs		
608541	52	14930	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION
Pliers are with double component handles and jet stamp UNIOR,
ring part of wrenches and sockets have off the point drive profile.

1000 T TOOL SET T – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/1	6-32	open end rewnches 6x7 8x9. 10x11. 12x13. 14x15, 16x17. 18x19. 20x22. 21x23. 24x26. 25x28. 27x32	12
220S	1.5-10/9	ball end hexsagon wrench 1.5,2,2.5,3,4,5,6,8,10	9
250	200	adjustable wrench	1
406 VDE BI	160	combinations pliers	1
420 VDE BI	180	linemer`s pliers	1
425 AB	240	crimping pliers	1
447/1VDE BI	240	slip joint waterpump pliers	1
466 VDE BI	180	heavy duty diagonal cutting nippers	1
478 VDE BI	160	wire stripping pliers	1
508VDE BI	170	long nose pliers with side cutter and pipe grip, straight	1
512 VDE BI	170	long nose pliers with side cutter and pipe grip,bent	1
580 VDE BI	230	cable shears	1
603 VDE BI	0.4x2.5x75	flat screwdriver	1
	0.5x3.0x100	flat screwdriver	1
	0.8x4.0x100	flat screwdriver	1
	1.0x5.5x125	flat screwdriver	1
	1.2x6.5x150	flat screwdriver	1
	1.2x8.0x175	flat screwdriver	1
613 VDE BI	PH 0x60	crosstip (PH) screwdriver	1
	PH1x80	crosstip (PH) screwdriver	1
	PH 2x100	crosstip (PH) screwdriver	1
630 VDE	140	voltage tester	1
	180	voltage tester	1
641	5	pin punch	1
660	150	flat chiesel	1
665 A	250x12	electrican`s chiesel	1
710 P	3 m	measuring tape	1
750	1 blade	hacksaw frame	1
760 1/2S	250	flat file, half smooth	1
761 1/2S	250	half round file, half smooth	1
812	300	locksmiths` hammer	1
817	1000	sledge hammer	1
820	Ø 32	bumping hammer	1

1000 U

TOOL SET 49 PCS

Code	PCS		
609331	49	13335	1

WE RESERVE THE RIGHT TO CHANGE THE COMPOSITION
Pliers are with double component handles and jet stamp UNIOR,
ring part of wrenches and sockets have off the point drive profile.

972 TOOL SET 49 PCS IN CASE

Code	Set/pcs		
609326	49	19400	1

1000 U TOOL SET U – CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/1	6-32	open end rewnches 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 27x32	12
220S	1.5-10/9	ballend hexagon wrench 1,5	9
250	250	adjustable wrench	1
355	4.75-14	tube flaring tool	1
360	3-32	tube cutter ø 3-32	1
363		internal - external reamer	1
406 BI	180	combinations pliers	1
430	250	universal lock - grip pliers	1
445 BI	240	double groove joint pliers	1
461 BI	160	diagonal cutting nippers	1
480	1 1/2"	pipe wrench 90° , swedish pattern	1
481	1/2"	pipe wrench 45°, swedish pattern	1
482	1 1/2"	pipe wrench 45°, swedish pattern, S-form jaws	1
531	225	tower pincers	1
572	280D	shape tin snips	1
605 BI	0.8x4.0x100	flat screwdriver BI	1
	1.0x5.5x125	flat screwdriver BI	1
	1.2x6.5x150	flat screwdriver BI	1
	1.2x8.0x175	flat screwdriver BI	1
615 BI	PH 1x80	crosstip (PH) screwdriver BI	1
	PH 2x100	crosstip (PH) screwdriver Bi	1
	PH 3x150	crosstip (PH) screwdriver BI	1
630 VDE	180	voltage tester	1
660	250	flat chiesel	1
670	250	cross chiesel	1
710 M	2 m	measuring tape	1
750/1	1 blade	hacksaw frame	1
760 PO	250	half -round file	1
812	500	locksmiths` hammer	1
820	32	bumping hammer	1

901/1 TOOL SET 20 PCS IN ARTIFICIAL LEATHER BAG

Code	Set/pcs		
601965	20	3410	1

CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/2	6-22	set of open end wrenches	
		6x7.8x9.10x11.12x13.14x15.16x17.18x19.20x22	8
185	21/115	spark plug wrench	1
205	280	strap wrench	1
212	19	wheel nut wrench	1
rod	12x300	rod	1
220	12	hexagonal wrench	1
416	160	combination pliers	1
443	240	double groove joint pliers	1
605 Ni	0.8x4.0x100	flat screwdriver	1
	1.2x6.5x150	flat screwdriver	1
615 Ni	PH 2x100	crosstip (PH) screwdriver	1
631	6-12 V	car light tester	1
812	300 g	locksmiths` hammer LSI super	1

901/2 TOOL SET 9 PCS IN ARTIFICIAL LEATHER BAG

Code	Set/pcs		
601966	9	1425	1

CONTENTS:

Art.	mm	DESCRIPTION	pcs
415	160	combination pliers	1
443	240	double groove joint pliers	1
505	160	long nose pliers with side cutter	1
530	160	carpeters` pincers	1
605 Ni	0.8x4.0x100	flat screwdriver	1
	1.0x5.5x125	flat screwdriver	1
615. Ni	PH 2x100	croosstip (PH) screwdriver	1
630 VDE	140	voltage tester 220-250V	1
812	200 g	locksmiths` hammer LSI super	1

902/1 TOOL SET 20 PCS IN ARTIFICIAL LEATHER BAG

Code	Set/pcs		
601967	20	3605	1

CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/2	6-22	set of open end wrenches 6x7.8x9.10x11.12x13.14x15.16x17.18x19.20x22	8
185	21/115	spark plug wrench	1
205	280	strap wrench	1
212	19	wheel nut wrench	1
rod	12x300	rod	1
220	12	hexagonal wrench	1
416	160	combination pliers	1
443	240	double groove joint pliers	1
605 Ni	0.8x4.0x100	flat screwdriver	1
	1.2x6.5x150	flat screwdriver	1
615 Ni	PH2x100	crosstip (PH) screwdriver	1
631	6-12 V	car ligtht tester	1
812	300 g	locksmiths` hammer LSI super	1

902/2 TOOL SET 14 PCS IN ARTIFICIAL LEATHER BAG

Code	Set/pcs		
601968	14	1500	1

CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/2	6 - 19	set of open end wrenches 6 • 7.8 • 9.10 • 11.12 • 13.14 • 15.16 • 17.18 • 19	7
185	21/115	spark plug wrench	1
416	160	combination pliers	1
605 NI	0.8x4.0x100	flat screwdriver	1
	1.0x5.5x125	flat screwdriver	1
615 NI	PH 2x100	crosstip (PH) screwdriver	1
631	6 -12 V	car ligtht tester	1
812	200	locksmiths` hammer LSI super	1

902/3 TOOL SET 11 PCS IN ARTIFICIAL LEATHER BAG

Code	Set/pcs		
601969	11	1025	1

CONTENTS:

Art.	mm	DESCRIPTION	pcs
110/2	6 - 19	set of open end wrenches 6x7.8x9.10x11.12x13.14x15.16x17.18x19	6
185	21/115	spark plug wrench	1
416	160	combination pliers	1
605 Ni	1.0x5.5x125	flat screwdriver	1
615 Ni	PH 2x100	croosstip (PH) screwdriver	1
631	6 -12 V	car ligtht tester	1

898 TOOL SET 8 PCS IN ARTIFICIAL LEATHER BAG

Code	Set/pcs		
602545	8	1730	1

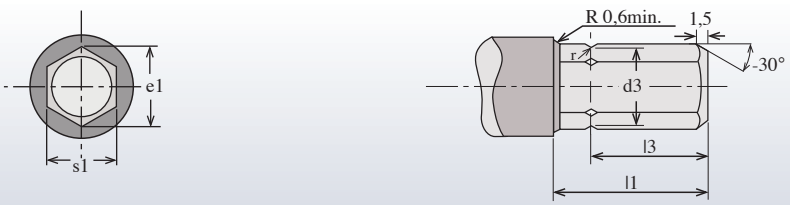
CONTENTS:

Art.	mm	DESCRIPTION	pcs
135	27	wrench for gas	1
	13	advertising wrench	1
416	160	combination pliers	1
441	240	double groove pliers	1
530	160	carpenters` pincers	1
636	1.0x6.0, PH 2	reversible screwdriver	1
812	300	locksmiths` hammer LSI super	1

WHICH DRIVE FOR WHICH MACHINE...

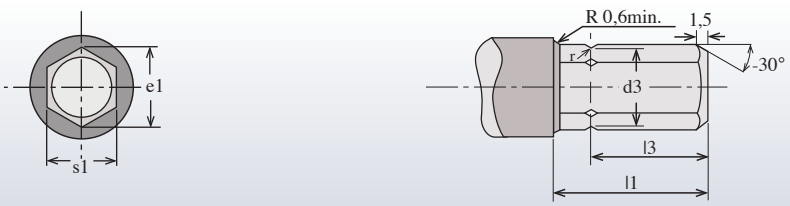
C 6,3

s1 max.	s1 min.		d3	e1 max.	e1 min.	l1	l3			r min.	Inch
6,350	6,292		6,7	7,18	7,11	11,0	8,2			0,3	1/4"



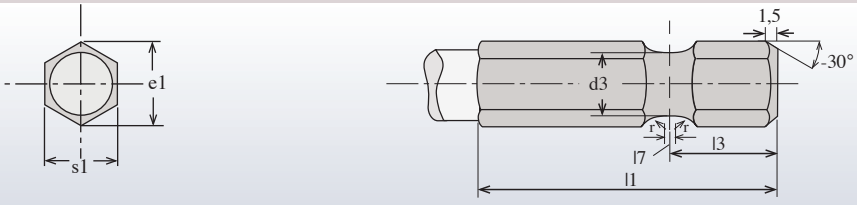
C 8

s1 max.	s1 min.		d3	e1 max.	e1 min.	l1	l3			r min.	Inch
7,930	7,872		8,2	8,96	8,90	13,5	10,2			0,3	5/16"



E 6,3

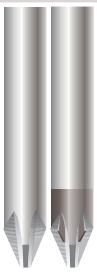
s1 max.	s1 min.		d3	e1 max.	e1 min.	l1	l3		l7	r min.	Inch
6,350	6,292		4,7	7,18	7,11	25,0	9,5		1,0	2,4	1/4"



WHICH SCREWDRIVER FOR WHICH SCREW...

SLOTTED SCREWS

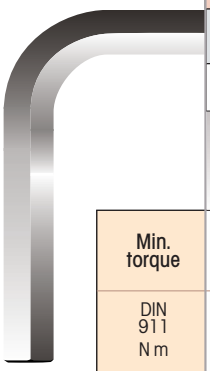
	Min. torque		Metric screws (engineering)												Self tapping screws						Wood screws		
			Flat head		Oval head		Cap		Pan head				Set screws		Flat head		Oval head		Pan head		Flat head	Oval head	Round head
	DIN 5263 N m	DIN 5263 N m	ISO 2009	DIN 963	DIN 2010	DIN 964	DIN 1207	DIN 84	DIN 1580	DIN 85	DIN 920	DIN 921	DIN 4766 7435	DIN 417 427	ISO 1482	DIN 7972	DIN 1483	DIN 7973	DIN 1481	DIN 7971	DIN 97	DIN 95	DIN 96
			M	M	M	M	M	M	M	M	M	M	M	M	T	T	T	T	T	T	W	W	W
0,4 x 2,5	0,40	-	1,6	1,6	1,6	1,6		1,6 1,8	1,6		2,5	1,6	3,5	3,5								1,6	2
0,5 x 3	0,7	0,8	2	2	2	2		2	2		3-3,5	2	4	4	2,2	2,2	2,2	2,2	2,2		2	2	
0,5 x 4	-	1,1							2		3,5	2							2,2				
0,6 x 3,5	1,3	1,4	2,5	2,5	2,5	2,5		2,5	2,5		4	2,5								2,2	2,5	2,5	2,5
0,6 x 4,5	-	1,8							2,5		4	2,5								2,2			2,5
0,8 x 4	2,6	2,9	3	3 3,5	3	3 3,5			3	3	5	3 3,5	5 6	5 6	2,9	2,9	2,9	2,9	2,9	2,9	3 3,5	3 3,5	3 3,5
0,8 x 5,5	-	3,9		3,5		3,5		3 3,5	3	3	5	3 3,5							2,9	2,9			3,5
1 x 5,5	5,5	6,2	3,5	4	3,5	4	3,5	4	3,5	3,5	6	4			3,5	3,5 3,9	3,5	3,5 3,9	3,5	3,5 3,9	4 4,5	4 4,5	4 4,5
1,2 x 6,5	9,4	10,5	4 5	5	4 5	5	4	4					8	8	4,2 4,8	4,2 4,8	4,2 4,8	4,2			5	5	5 5,5
1,2 x 8	11,5	12,9					5	5	4 5	4 5	8	5						4,8	4,2 4,8	4,2 4,8	5,5	5,5	
1,6 x 8	20,5	22,9	6	6	6	6							10 12	10 12	5,5 6,3	5,5 6,3	5,5 6,3	5,5			6	6	6
1,6 x 10	25,6	28,7					6	6	6	6	10	6		14				6,3	5,5 6,3	5,5 6,3	7 8	7	
2 x 12	48,0	53,8	8	8	8	8	8	8	8	8		8		16	8		8		8			8	7-8



PHILLIPS & POZIDRIV/SUPRADRIV SCREWS

			Min. torque		Metric screws			Self tapping screws			Wood screws		
					Flat head	Oval head	Pan head	Pan head	Flat head	Oval head	Pan head	Round head	Oval head
		PHILLIPS											
		POZIDRIV											
SIZE			DIN 5263 N m	DIN 5263 N m	ISO 965	DIN 966	DIN 7985	DIN 7981	DIN 7982	DIN 7983	DIN 7995	DIN 7996	DIN 7997
					M	M	M	T	T	T	W	W	W
0	0		1	1	1,6 2	1,6 2	1,6 1,8				2	2	2
1	1		3,5	3,9	2,5 3	2,5 3	2,0 3	2,2 2,9	2,2 2,9	2,2 2,9	2,5 3	2,5 3	2,5 3
2	2		8,2	10,3	3,5 5	3,5 5	3,5 5	3,5 4,8	3,5 4,8	3,5 4,8	3,5 5	3,5 5	3,5 5
3	3		19,5	32	6	6	6	5,5 6,3	5,5 6,3	5,5 6,3	5,5 7	5,5 7	5,5 7
4	4		38	88,7	8 10	8 10	8 10				8	8	8

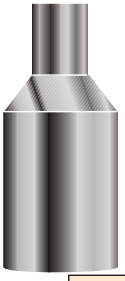
WHICH SCREWDRIVER FOR WHICH SCREW...



Hexagon socket screws

Metric screws

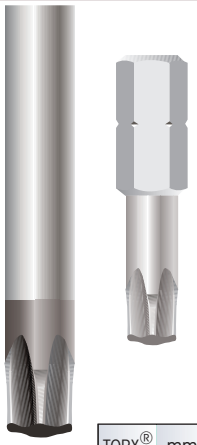
Min. torque		Cap			Flat	Set		
		ISO 4762				ISO 4026 4029	ISO 4027	ISO 4028
DIN 911 N m		DIN 912	DIN 6912	DIN 7984	DIN 7991	DIN 913 916	DIN 914	DIN 915
		M	M	M	M	M	M	M
0,7	0,08					1,4	1,4	1,4
						1,6	1,6	1,6
						1,8	1,8	1,8
0,9	0,18					2	2	2
1,3	0,53	1,4				2,5	2,5	2,5
1,5	0,82	1,6-2				3	3	3
2	1,9	2,5		3	3	4	4	4
2,5	3,8	3		4	4	5	5	5
3	6,6	4	4	5	5	6	6	6
4	16	5	5	6	6	8	8	8
5	30	6	6	8	8	10	10	10
6	52	8	8		10	12	12	12
						14	14	14
7	78			10				
8	120	10	10	12	12	16	16	16
10	220	12	12	14	14	18	18	18
						20	20	20
12	370	14	14	16	16	22	22	22
				18	18	24	24	24
14	590	16	16	20	20			
		18	18	22	22			
17		20	20	24	24			
		22	22					
19		24	24					
	1000	27	27					
22		30	30					
24		33	33					
27		36	36					
32		42						



Hexagon headed screws

		Metric screws and nuts						Screws	
		Screws				Nuts		Self tapping	Wood
	Min. torque	ISO 4018	ISO 4016	ISO 4014	ISO 4017	ISO 4035 4036		ISO 1479	
SW	DIN 899 N m	DIN 558	DIN 601	DIN 931	DIN 933	DIN 439	DIN 934	DIN 7976	DIN 571
		M	M	M	M	M	M	T	W
3,5	1,64					1,8			
4	2,37			2	2	2	2		
4,5	3,30				2,3				
5	4,44			2,5	2,5	2,5	2,5	2,9	
5,5	5,80			3	3	3	3	3,5	
6	7,40			3,5	3,5	3,5	3,5		
7	11,4			4	4	4	4	3,9	4
								4,2	
8	16,6	5	5	5	5	5	5	4,8	5
								5,5	
9	23,0								
10	31,0	6	6	6	6	6	6	6,3	6
11	40,4			7	7		7		
12	51,5								7
13	64,5	8	8	8	8	8	8	8	8
14	79,4		-	-	-	-	-	-	-
15	96,2		-	-	-	-	-	-	-
16	115	10	10	10	10	10			
17	134	10	10	10	10	10	10		10

WHICH SCREWDRIVER FOR WHICH SCREW...



TORX® SCREWS

Size 1:1	TORX® Size	mm	Min. torque N m	Min. torque N m	Metric screws: Cap ISO 4762 / DIN 912	Metric screws: Flat DIN 963 965	Metric screws: Oval DIN 964 966	Metric screws: Cap DIN 7984 6912	Metric screws: Oval flat DIN 7985	Metric screws: Flat DIN 7991	Self trapping screws: Pan DIN 7981	Self trapping screws: Flat DIN 7972 7982	Self trapping screws: Oval DIN 7973 7983
					M	M	M	M	M	M	T	T	T
	T 6	1,72	0,75	0,91	**	**	**	**	**	**	**	**	**
	T 7	1,99	1,4	1,7	**	**	**	**	**	**	**	**	**
	T 8	2,31	2,2	2,6	2,5	2,5	2,5		2,5		2,9	2,9	2,9
	T 9	2,50	2,8	3,4							2,9		
	T 10	2,74	3,7	4,5	3	3	3	3	3	3	3,5	3,5	3,5
	T 15	3,27	6,4	7,7		3,5	3,5		3,5		3,9	3,9	3,9
	T 20	3,86	10,5	12,7	4	4	4	4	4	4	4,2	4,2	4,2
	T 25	4,43	15,9	19,0	5	5	5	5	5	5	4,8	4,8	4,8
	T 27	4,99	22,5	26,9	**	**	**	**	**	**	**	**	**
	T 30	5,25	31,1	37,4	6	6	6	6	6	6	6,3	6,3	6,3
	T 40	6,65	54,1	65,1	8	8	8	8	8	8			
	T 45	7,82	86,2	104	**	**	**	**	**	**	**	**	**
	T 50	8,83	132	159	10	10	10	10	10	10			

** special screws

INDEX

Flat head Countersunk head screws
Oval head Raised (oval) countersunk head screws
Cap Cheese head screws
Pan head Pan head screws
Set Grub screws (headless)
Nuts Hexagon (lock) nuts

Thread diameter

- Metric screws
- Metric set screws
- Self tapping screws
- Wood screws

Tip Symbols

- Slotted
- Phillips-Recess
- Pozidriv / Supadriv
- Torx®
- Torx TR®
- Hex key / Ballpoint
- hexagon
- Socket wrench - Nut driver
- Robertson
- Reamer